Scout Report sent out	_
Noted in the NID File	
Location map pinned	´ D
Approval or Disapproval Letter	П
Pate Completed, P. & A. or eperations suspended	5)
Fin changed on location map	PEA PENA OFFICE
Affidavit and Record of A & P	
Water Shut-Off Test	
Gas-Oil Ratio Test	
Well Log Filed	
on Log Fried	

		S	
		E	1
		Electric Logs (No.)	
		Driller's Log	
•	LILED.	S901	
	busi eel le Land	6W OS	
**************************************	Bond released	AIWO	
*****************	betoeqtal noitsood	Deteil Completed	
		COMPLETION DATA:	
		bust set to state of A	ΜI
***************************************	netted levoragezia	pex.;;	-¢3
	Approval letter	peuug di y ; i ti ;	: (4
	Copy, N ID to Field Office	teed?	
	Checked by Chief	●BH GIN ≒:	
		SN: 13 A	17.12

Entered in NID File	. Checked by Chief
Ente ad On S R Sheet	Copy NID to Field Office
Location Map Pinned	Approval Letter
Card Indexed 1 W R for State or Fee Land	Disapproval Letter
COMPLETION DATA: Date Well Completed /-?-5. OW	Bond released State of Fee Land
Driller's Log Mare	OGS FILED
Electric Logs (No.) MANA	
E 1 E1	GR Micro

1319 Jer

UTAH OIL AND GAS CONSERVATION COMMISSION	1016011211
REMARKS: * Mas shows: 841 and 1400-1437: * Out shows: 3731 (2to 3 barrels of	ril per day)
portion in all. estanding full of of luid, of mulich at Meast the	e top
monuella ma electric das de pole	
DATE FILED PAIN OGCC	
LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. 4-0496 INDIAN	
DRILLING APPROVED: FROM USES Files - J. HARPETERD DES COMMO.	
	osat which
COMPLETED: 1-3-53. point whip wholes core with	
INITIAL PRODUCTION: 253 BOPD	
GRAVITY A. P. 1.	1 2/20/08
GOR:	
PRODUCING ZONES: X X	
TOTAL DEPTH: 553/e	¥ .
WELL ELEVATION: 3965 A.R. Est.	
DATE ABANDONED: X 1954	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
FIELD OR DISTRICT: And All Wilstal	
COUNTY: Grand Godage applie & Midwent L	(lect)
WELL NO. MASON 1 APT 43-019-1	0038
LOCATION: 920 FT. FROM (8) (S) LINE, 620 FT. FROM (F) (W) LINE. SW SW QUARTER - QUART	rer sec. 31
<u> </u>	
TWP. RGE. SEC. OPERATOR ,TWP. RGE. SEC. OPERATOR	· William
26 S 21 E 31 AMERICOL PETROLEUM CO. 34	

Budget Bureau No. 42-Rass.1, Approval expires 11-20-42,

		uh 194	49	ď
		1		
	~	,,,		
0	i		,	
	_			•

(SUBMIT IN TRIPLICATE)

UNITED STATES

DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

			-
6-17-49	76 e.,	2000 3	

Land Office Salt Lake City . No. 061913

SUNDRY NOTICES AND REPORTS ON WELLIS 16 1949

		10 10 10 10
NOTICE OF INTENTION TO DRILL	X	RACEIVAD
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF WATER SHUT-
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF SHOOTING OR ACIDITAL ARE CTITAL SUBSEQUENT REPORT OF ALTERING CASING.
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF ALTERING CASING.
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF REDRILLING OR REPAIR
MOTIVE OF INTENTION TO PULL OR ALTER CASING		SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO ABANDON WELL		SUPPLEMENTARY WELL HISTORY
(INDICATE ABOVE BY CHECK MARK	. AL O TO	

	June 15th,	19 40
Well Notason is loca	tedgeo ft. from S line and 620 ft. from we line of sec.	1
(M. Sec. and Sec. No.)	26 8 21 2	
(Field)	(Comy wouldvision)	
rue elevation of the derrick fl	oor above sea level i3965 ft.	

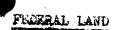
DETAILS OF WORK

The objective sand is the 2025' horison in the Paradox Formation.

We will use Retary equipment to drill with. We will set 241b., 7" Gasing of uniform lengthefter a drill stem test is made upon reaching the objective sand. We will use chemicals and he Indian on the recommendations of the Despect Comment to will get 180 of surface casing and semant man from top to bettom. We will set then drill spen hole to approximately 2022' or the saprock of the enticipated 2025' herison, then make the drill stem test, set the casing and cement. We will at all Street advise the division of Oil and des (U. S.) in Sals Lake City, Utab taken, impostion to change plans, make well shutter deer and

the same can be made. Do all thinks compatible with good

Combined Care	ak 011 Company	And Manager Survey before operations may be commenced.
Yanine,	Jalifornia	By A Stark
		Title Prosident



CONDITIONS OF APPROVAL

- 1. The leaste or operator shall mark the derrick or well in a conspicuous place with the name of the operator, well number, the land office and serial number of the lease, and lecation of the well and shall take all necessary precautions to preserve these markings.
- 2. A conductor or surface string of cosing shall be run and cemented from bottom to surface unless other procedure is expressly authorized by this approval. The conductor or surface string shall be of sufficient weight and length and have installed thereon the proper and necessary high pressure fittings and equipment to keep the well under control in case an unexpected flow of gas, all or water is encountered.
- All showings of eil or gas are to be adequately tested for their commercial passibilities. All showings shall be preverly protected by mud, coment, or casing so that each showing will be continued to its original stratum, becausery precautions shall be taken to prove waste or damage to other minerals drilled through and the U. S. Geological Survey, upon request, shall be furnished with carefully taken samples of such minerals as coal, potash and salt.
- 4. Lessee's Monthly Report of Operations (Form 9-329) shall be filed in duplicate with the effice of the b. S. Geological Survey, P. O. Box 400, Casper, Byoming, not later than the sixth of the succeeding month. The report should show for this well any change of status occurring within the particular month such as date drilling commenced, suspended, resumed or completed, total depth as of the end of the month, and if shut down the reason therefor.
- 5. Two copies of the leg of this well on Form 9-330, or other acceptable form and when available two copies of all electrical legs, directional, diameter and temperature surveys of the hole shall be filed with the district engineer within 15 days after such information is received by operator or completion of the well whichever is earlief.
- Utah , shall be notified on form G-33la in triplicate giving thereon all necessary details of the proposed operation or test for proper consideration and action sufficiently in advance of making casing or formation wing or soldiering, running or commander calling, there than the conductor string, to permit approval of the notice prior to date or proposed work.

Approved JUN 16 199 Obstruct Engineer

Budget Bureau No. 42-R356.2. Approval expires 11-30-49.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

		· err err brace	11-00-49.
LAND OFFICE	Salt.	Lake	City
LEASE NUMBER		.943	
UNIT			

LESSEE'S MONTHLY REPORT OF OPERATIONS

State .	DE	AT		(County	PARTY	F	ield	A Comment	•
wells)	for ti	rowin he mo	g is nth c	a corre	ect report	of opera	tions and pr	oduction (including	drilling and producing
A g ent'	s add	ress		MOAB,	DTAK		Co	mpany .	ATE CHE	E PERMILENA Dec.
							Sig Ag	o 7 🗪	(4 - canana
SEC. AND	i	1	1 7	1		# ZAA	Ag	ent's title	Pinta 1	THE PARTY OF THE P
H or H	TWP.	RANGE	70.	PHODUCED	BARRELS OF	OIL GRAVITY	CU. Fr. OF GAS (In thousands)	GALLONS OF GABOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, caused the said result of test for gasoline content of gas)
			,							
Sec. 31	268	212	# 1	Home	Nene	Tano	Neme	None	Suno	Smilded July 99
										Doyths 125-foots
		-		1 -11	ling cont					
		duri July	28	dril	month o	d July	Symbol I	hoon He.		
					-S salone	70 701	low.			
al fort.			one.							
5 - 10		Comp	Naty _	CAN		II. com				
		Addre	-	4134	M.Mared.			Xy	G. Maga	
EULUCIA			-	. Vent	m. Mil		211	10		
OIL & GAS									1	
UG 4 - 1 RECEIV TLAKEICH	19 49		1							
Nom.										

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in Form 8-899

(May 1944)

CAME CREEK - Grand County 31-268-21E Lot 6, Americal Petroleum Inc. Well Mason No. 1 (Utah 0496), Ref. No. 4

OCT 1952 STATUS: Drg 57621

RUMARKS: Testing

STATUS: DSI 57621 REMAINS: No repert. NOV 1952

STATUS: DSI 5762" 1952 BEALTIES: No report. 11-1

STATUS: USI 3762' (Visited 1-22-53) REMARKS: Intend to swab to clean out mud and continue JAN 1953 testing on pusp. Will drop until operations are resussi.

CAME Creek (Wildcat) - Grand County 31-268-21E Lot 6, Americal Petroleum, Inc. #1 Mason (Utah 0496) Ref. # STATUS: Re-Drg PB 3685' Paradox (Visited 4-23-54)

APR -- 1954 REMARKS: Previous PB April 1951, 5763-5471' w/55 sa. Current PB set 15 ax. inside 42". Cut and pulled 44" from 3748'. PB 3748-3688' w/60 ax. Set whipstock and drilled back into old hole twice. Intend to try acain.

STATUS: Re-Drg 2915' (Co. 5-14-54) MAY -- 1954 REMARKS: PB again and reset whipstock at 2501'

1954 STATUS: 14-Deg 3660* JUN (Co. 6-8-56)

STATUS: Re-Drg 5533 Paradox (Visited 7-15-54) 1954 WIMARKS: DST 5469-5519! flowed gas and oil for short JUL time. 42" cc 5436" w/75 sz. Testing and drilling.

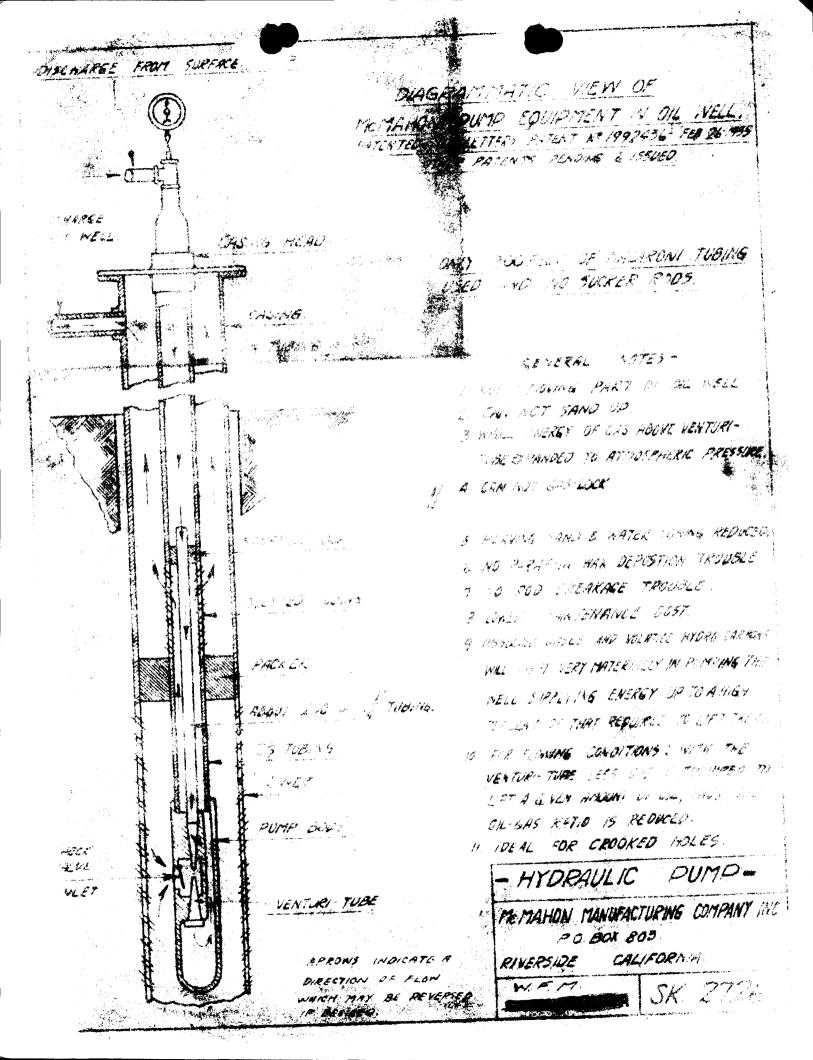
Acount Acount 5536' Paradox (Co. 8-9-54) Swab tested 5496-5513' water. Found hole in AUG casing 4835" and comented same with 74 sx. and 50 sx. Displaced mad with oil.

STATUS: DSI 3536 Paredox (Co. 9-21-54) SEP REMARKS: Weiting on pipe,

1954 STATUS: DSI 5536' Paredox (Co. 10-8-54) OCT

REMARKS: Testing by smabbing.
STATUS: Re-Deg 360', TD 5763' (Co. 10-31-54) NOV -- 1954 REMARKS; None.

STATUS: Abd, TD 57631 DEC -- 1954 REMARKS: DRY HOLE OR FAILURE. Dry hole. Approval to abd. not to be given well the Geologic Division can run Barraby instrument in hole.



Budget Bureau No. 42-R358.1. Approval expires 11-30-49.

	(Marc	194	3)
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Form 9-881a

(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

AUG 1 1 1049

Land Office	Salt	Lake	City
Lease No.	06490	13	

OIL & GAS DIV.

AUG 5 - 1949

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	 SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	 SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	 SUBSEQUENT REPORT OF ALTERING CASING.
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	 SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	 SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING.	 SUPPLEMENTARY WELL HISTORY.
MOTISE OF INTERCON TO ABANDON WELL	

	*****************		. 19.
Well Nois locat	tedft. from \{ \begin{align*} \begin{align*} \lambda \\ al	ft. from E line of sec	31
Lot No. 6	26 South, 21 Bast	Ealt Lake	
(14 Sec. and Sec. No.)	(Twp.) Grand (Renge)	(Meridian)	
(Field)	(County or Subdivision)	(State or Territory)	

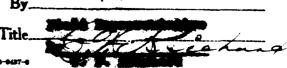
The elevation of the derrick floor above sea level is ft.

DETAILS OF WORK

tto line and sed ale

Company	COM COME OF CHICAGO	in survey never eperations	may se commenced.	
	4164 Militred Avenue.	**************************************		
	Toules, Salidands			

Approved AUG 11 1049



UNITED STATES DE. MENT OF THE INTERIOR SEOLOGICAL SURVEY

	Bulget Bureau No. 42-Rasson Approval expires 11-80-42						
Land OFFICE	Sale	Labor	OX ST				
LEASE NUMBER	(64	74 7					
UNIT							

LESSEE'S MONTHLY REPORT OF OPERATIONS

mı.				(County		CHAID		. Field		CARE	TENE
17 1	e jou	owing	is a	corre	ct rep	ort of	operat	ions and	product	tion (including)	drilling and produ
wells) j	or th	e mon	ith of		AP 100			, 19. 47,			***	
agent;	s aaar	'e 8 8					X		Compan	ıy!	CLUB CRIP	K PARALLANE, IN
Phone .									Signed	Y.	(5/1	Lace na
i none					-	5+	Dady V		Agent's	title	Hali Z	TENATA TATE
SEC. AND	Twp.	RANGE	WELL No.	DAYS PRODUSES	BARRE	LE OF OIL	GRAVITY	Cu. Fr. of	GAS GALL	ONS OF	BARRELS OF	REMARKS
								(In thousan	Alex F CAME	oline Vered	WATER (If none, so state)	(If drilling, depth; if shur down, date and result of test for gas content of gas)
		1						i	ļ			
Sec. 3	268	234	#1	Home	350	-		. Washing		.	_	
		1	_								House	Specied July
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			1								A.	OIL & GAS DIV.
			<u> </u>								/ [
									·			SEP \$ 1949
Note	There v	vere	4				ins or sale	_	Ligar		3 /	

, m.,	100 1914)
<u> </u>	
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Form 9-881 a

(SUBMIT IN TRIPLICATE)

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

OCT 4 - 1949

SUNDRY NOTICES AND REPORTS ON

OPTOBAL FORWARDED TO CASPER

Land Office State . Lake . Skip

Unit ____

OIL & GAS DIV.

SER 27 1949

NOTICE OF INTENTION TO DRILL NOTICE OF INTENTION TO CHANGE PLANS. NOTICE OF INTENTION TO TEST WATER SHUT-OFF. NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL NOTICE OF INTENTION TO SHOOT OR ACIDIZE. NOTICE OF INTENTION TO PULL OR ALTER CASING. SUBSEQUENT REPORT OF REDRILLING OR REPAIR SUBSEQUENT REPORT OF REDRILLING OR REPAIR SUBSEQUENT REPORT OF ABANDONMENT. SUBSEQUENT REPORT OF ABANDONMENT. SUPPLEMENTARY WELL HISTORY.

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

		, 19.52
Well No. MARKE ER. his located	I seeft. from S line and	line of sec.
(H see, and Sec. No.)	(Twp.) (Rage)	(Meddish)
(Field)	(County or Subdivision)	(State or Territory)

The elevation of the derrick floor above sea level is _____ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sixes, weights, and lengths of proposed casings; indicate mudding jobs, comenting points, and all other impertant proposed work)

Angel 24, 1949

BallEruston dall upon test, parter (f-in.) est to 1379-de., testat to 1436-de, 39-de. of auchor. April 46-de, say work flow for body. Test discol then quant for Health, many recovered 30-de, of delifying and. In authorse of oil or gas. One and of the hade of 9:00 a.m., Supt., 34, 1969.

Promises and tested---1390 to 1440-69, Antiquette 1400 to 1400-60, Intereste Temptone, Antiqu, grading tate Stage Shake,

	anding, grading t	pto Finds Shalls,
I understand	d that this plan of week must receive approval in writing by t	the Geological Survey before operations may be commenced.
Company		
Address	ALCE JELLANDS AMOUNT	
	Smith, Salidanda	By Be & Been
Appro	oved 0CT 4 1049	Title Head Segmentation
Co	Haustusen, Severnhent Printing Opper	11 10-4117-0 C. F. Lichard

Budget Buren No. 45-R356.2. Approved capter H-56-68.

	ALE CONTROL OF THE PARTY OF THE	V.	
p. C	. G1	e and	•
13	CIL & GI	· ~O	#
	001 s	CÉNTEL LEY	BEE'

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Ĺ.	OFFICE	Falt	Leane	CLAY
Lease	NUMBER	064%	13	
UNIT			****	

LESSEE'S	MONTHLY	REPORT	OF	OPERATIONS
SALT LAKE				

wells) f Agent's	addi	·e s s			MOAB,	UTAH		Co	mpany	CAND CO	HER PRINCIPLE LINE
Phone		C	ANE	GRREK	IRAGR.	Monb.	Uhah	Si _i	ined	Vinta	TOTAL PROPERTY.
Buc. and H of H	Twr.	RANGE	WELL No.	Дата Распосав	BARRELS OF	T		Fr. of Gas housands)	GALLONS OF GASOLINE RECOVERD	BARRELS OF WATER (If	REMARKS (If drilling, depth; if shut down, enuse; date and result of test for gassiline
G											content of gas)
31	261	214	Kem) News	Home	II.	me I		Neme	Fine	Spudded July 18.
		سرع		3						,	•
				Anna ST Ho	Halliby 399-64. Widomos	19" to 1		woder J. rece Ad,	nte es rered 30	Sept. 24.	
				Deri. 153	ling at			davel o Vinn	he Salt	formtid Nagk S	a at hale,
				2.3	l Stote		22-4 0	wing:		maniiha 92	
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										Neld Bee	
				R ANK		OK 1 00		ī	atibe	00	
	·	144	1005	ALA	NO.				ē.	9. 16.	
		1	,						(1) R-1	OCT 5 -	DELLATO CASPER 1949

Nors.—There were ______ runs or sales of oil; ______ M. cu. ft. of gas sold; ______ Mr. cu. ft. of gas sold;

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Budget Bureau No. 42-R356.2. Approval expires 11-20-49.

UNITED STATES RTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LEASE NUMBER 064945
UNIT
OIL & GAS DIV.

LESSEE'S MON ILY REPORT OF OPERATIONS

GRAND Field CAND CREAT State County The following is a correct report of operations and production (including drilling and producing wells) for the month of _________ Company CATH CREEK PHYSILEN. MOAD, UTAN Agent's address Signed ... Agent's title ... PIELD REPRESENTATIVE REMARKS GALLONS OF GASOLINE RECOVERED BARNELS OF WATER (If Cv. Fr. or Gas (In thousands) (If drilling, depth; if that down, cam date and result of test for gasoline content of gas) SEC. AND M OF M DATE GRAVITY RANGE none, so state **Eam**e Speeded July 28, 31 26 m Ke. 1949. Shut down! waiting on casing. T.D. 2110-ft. MY Cored and recovered 17-ft. of Salt. Shale mation from 2004-ft. to 2021-ft. Some gas Mitiemal 11-St. of Anhydrite from to 2052-ft. Salt water of oil as Coped 78-St. of Soit, Ambydrite Sermation 2032-ft. to 2) 10-ft. Yory parens. Spine show of gas e11. under progress from 2004-ft. to er engreedment engrestered at 2652-ft. Heavy Salt Beststive plant to set 7-in. easing drill abo l to 3645-st. Field Perresentativ dan

Note — There were ________ runs or sales of oil; ________ M. eq. ft. of gas soid _______ runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and wass be fired in duplicate with the supervisor by the 6th of the succeeding month, anders otherwise directed by the supervisor.

LABORATORY REPORT SMITH-EMERY COMPANY Chemical Engineers and Chemist Metallurgical and Testing Engineers 920 Santee Street Los Angeles

Laboratory

No. 315093

Date

October 28, 1949

Sample: Core

Received: 10-21-49

Marked:

"Core, Zone 2054-2090 feet"

Submitted by: Cane Greek Pet., Inc.

Att: M. G. Mason

(On dry basis)

Water Insoluble Matter	8.10%
Calcium (Ca)	1.32%
Magnesium (Mg)	Trace
Potassium (K)	2.78%
Sodium (Na)	32.36%
Sulphate (SO ₄)	2.92%
Carbonate (CO2)	0.035
Chloride (CL)	52.49%
Bromide (Br)	None
Iodide (I)	None
Borate (BLO7)	Mone
••	100.00%

Perity as Sodium Chloride (NaCl) 82.25

Respectifull submitted,

/s/ Smith-Emery Co. E.O.S.

LABORATORY REPORT SMITH-EMERY COMPANY Chemical Engineers and Chemist Metallurgical and Testing Engineers 920 Santee Street Los Angeles

Laboratory

No. 315092

Date

October 27, 1949

Sample: Brine

Received: 10-21-49

Marked

"Water - Zone 2019-2024"

Submitted by:

Came Creek Pet. Inc.,

Moab, Utah

Act: M. G. Mason

REPORT OF DETERMINATIONS

Iron Oxide (Pe ₂ O ₂) Calcium (Ca) Magnesium (Mg) Sodium (Na) Petassium (K) Lithium (Li) Chlorine (Cl) Sulphate (SO ₄) Bioarbonate (HCOg) Iodide (I) Bromide (Br) Berate (B ₄ O ₇)	6.79 4.84 2.45 1.16 None 30.58 Whee	Per Cent by Weight 0.05% 5.14% 3.67% 1.86% 0.88% None 23.17% None 0.03% None 0.50% 0.47%
Hypothetical Calculations:	18.80	14.23%
Calcium Chleride (CaCl ₂)	18.95	14.37%

Respectfully submitted,

/s/ Smith-Emery Co. E.O.S.

```
Lease Serial No. 9-2416
        Rotary-Moving in June 12, 1949
        July 14, 1949 - Riggins up.
        July 23, 1949 - pouched.
  58 - 70 Surface - Hard rock
            White lime
            white lime
            Red Chale
 115 -119 Limestone
            Red Shale
            Lime and thale
            White Lime, Streaks of Rea Chale
       Aug. 3, 1949. Ren 10 3/4" centing () to - 8 thread. Cemented
      with 95 sks. of Ideal Construction Cement at 2:15 p.m. aus. 5. melder in Hausmer Read.
       Aug. 6. welded in flow line control gate.
      Aug. 7. Resumed arilling.
147 - 165 Sand and shale

165 - 227 Brown sandy chale

227 - 267 Brown shale

267 - 305 Sandy Lime, streams of Fund

305 - 370 Sandy Lime

370 - 407 Sandy Lime

407 - 425 Blue Lime

425 - 430 Sandy

430 - 433 Sandy
430 - 433 Hard Lime
433 - 437 Hard Line
437 - 448 Hard Line
            Sandy Lime
451 - 475 Sandy lime with streaks of hard lime
475 - 491 Hard lime and some sand
      Aug. 13 - 14. Repaired engine.
491 - 502 Sand and shale
     Hole taking mud, lost circulation. Put in 200% hulls. @gt. 71, Vis. 47
            Sandy Lime
             Sandy Lime
                                                           POOR GOPY
             Sandy lime and brittle shale
```

well Wo. Ma oc #1

00 - 33 surface 33 - 58 Lurface

Shale

Lime

70 - 93 90 -133 103 -111 111 -115

119 -120

120 -123

123 -137

137 -147

448 - 451

502 - 508

508 - 521

521 - 572

572 - 584

584 - 602

602 - 609

609 - 616

Shele

Shale

Shale

Hard lime

Division - Utah

```
723 - 725 Hard lim
725 - 735 Landy 1
744 - 756 Hard gray lime. Agt. 73, vic. 60
756 - 765 Hard gray lime
765 - 772 Hard lime
772 - 783 Sandy lime
           Sandy lime with brown shale.
783 - 797
            Brown lime
           Brown lime, hard. egt. 69, 91 22. 49
797 - 305
805 - 817
           Hard brown lime
 817 - 322
 $22 - $28 Gray Lime
           Shaly lime, some sand
            Lime with streaks of sendy like
 825 - 834
           Chale gip cours mud. GAS SHOR
 838 - 841
 841 - 844
            Broken lime
           Lime, sand and gyp. 4t. 69, 7th. 70
 844 - 845
 845 - 851
        Aug. 28. Engine down
        Aug. 31. Resumed drilling
            Hard lime
  851 + 860
  $60 - 587 Hard brittle shale
  887 - 908 Black shale, streaks of gray line
  908 - 928 Brittle shale
  928 - 933 Lime, hard gr.y
  933 - 946 Lime, brittle shale
  946 - 970 Brittle shale
              Brittle shale
  970 - 972
  975 - 988 Hard lime, streaks broken fractured lime.
         Lost circulation, used 3 bails redwood bark & got returns
   988 - 999 Lime brown and brown shale
   999 - 1001 Gyp.
  1001 - 1033 Brittle shale streaks of line
  1033 - 1044 Shale, brittle
  1044 - 1050 Hard lime
  1050 - 1052 Shale
  1052 - 1058 Brittle shale. Wgt. 63. Visc. 15
   1058 - ?
   1092 - 1132 Shale, streaks of lime
                     Fishing
           Sept. 7.
          Sept. 9. Resumed drilling
   1132 - 1147 Brown shale
   1147 - 1154 Lime
1154 - 1161 Brown shale and lime
   1161 - 1170 Gray lime
           Sept. 10. Twisted off drill collars
           Sept. 11. Resumed drilling
    1170 - 1183 Brown shale with streaks of gray lime
    1183 - 1195 Gray lime
    1195 - 1200 Gray lime hard
    1200 - 1205 Gray lime hard
    1205 - 1208 Hard gray lime
            1208 Hard gray 11....

Lapt. 12. Irill collers broke in center.

Lapt. 12. Irill collers broke in center.

College of the college of the center.
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nesine u

616 - 625 Hard Lime. (ct. 67, viz. 65)
625 - 642 Lime
642 - 645 Gray 11
645 - 648 Hard lime
648 - 665 Lime
665 - 674 Phale and sand
674 - 632 Hard shale
682 - 691 Lime dark gray
691 - 708 Hard lime, dark gray
708 - 723 Gray lime

PAGE I

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Hard lime
1208 - 1212
            Hard Gray lime
Hard gray lime
1212 - 1223
1223 - 1236
1236 - 1250
            Shale
1250 - 1256
            Lime fractured
1256 - 1259
1259 - 1265 Fractured shale
1265 - 1276 Hard gray line
1275 - 1383
            Gray lime
1283 - 1290 Candy lime
1290 - 1299 Hard fractured lime
1299 - 1302
            Fractured Lime
1302 - 1317 Brown and gray lime
1317 - 1321 anhydrate, thin streaks of shale, hard lime
1321 -
1334 - 1354 Shale, streaks gray lime, anhydrate
1354 - 1376 Shale gray, streaks of lime
1376 - 1386 Shale, streaks of lime
                Repairing engine. Waiting on slips.
     Sept. 19.
                Resumed drilling
     Sept. 21.
                       Rec. 201
1386 - 1405 Core #1.
1405 - 1419 Core #2. Rec. 131. Good Oil Show
                Mixed mud, cleaned out cellar
     Sept. 22.
               Resumed drilling
     Sept. 23.
1419 - 1434 Core #3. Rec. 15!
1434 - 1438 Core #4. Rec. 4
     Sept. 24. Let packer at 14001. Recovered 251 oil, 351 mud, No gas.
1438 - 1430 Black shale
1480 - 1486 Gray lime
1486 - 1510 anhydrite, black chale.
1510 - 1530 Black Shale
1530 - 1565
            Anhydrite
1565 - 1576
            Dolumite
1576 - 1643
             Black shale
1643 - 1679 Black shale - circ. no mud.
1679 - 1689 Black shale
1689 - 1800 Brown and black shale. w3T. ... Vis. 42
                No mud.
     Sept. 29.
1800 - 1815 Black shale, anhydrite
      Sept. 30. No mud. Unloading impermex and zeogel.
      Oct. 1. Added 10 sacks baroid
 1815 - 1830
              Shale
             Lime, brown shale. *gt. 77, Visc. 69
 1830 - 1850
             Hard lime, black shale
 1850 - 1908
             Shale, streaks of lime. wgt. 81, Visc. 70
 1908 - 1978
              Black shale and anhydrite
 1978 - 1990
              Core #5. Rec. 191. (kind of rock not given)
 1990 - 2009
               Corrected depth 2004. Repairing pump & éngine.
      Oct. 10. Took out Mausmer and installed Shaefer.
               Conditioned mud.
      Oct. 12. Resumed drilling.
 2006 - 2021
              Core #6.
                       Cut 15'
 2019 - 2030 Core #7. Salt water coming in, Gas & Oil, cut mud.
```

Core description: 2019 - 2023 Brown Shale, saltwater, very porous. 2023 - 2030 Gray limestone, heavy oil saturation.

Mixed mud, added wgt. Mixed 6 sks. of hulls and 3 bails redwood bark, 15 sks zeogel and 25 sks. of impermex.

Recovered core. Suitable for casing seat.

Oct. 14, 1949. Moving in Mud tanks.

Mixing impermex and baroid. Wgt. 75, Vis. 45 (Note: Driller reports this weight would not hold back salt water and that 85 lb. mud would not stay in hole.)

Oct. 16. Resumed drilling.

Core #8. Cut 14! (kind of rock not reported) 2030 - 2044

Core #9. 2044 - 2054

Core #10. Rec. 61. chale (magnesium?) Wgt. 76, Vis. 47 2054 - 2070

Core #11. (magnesium?) 2070 - 2090

Core #12. Rec. 201. Salt. wgt. 81, Vis. 35 2090 - 2110

Reamed 6" rat hole to 9". 2001 - 2052

Oct. 19. Circ. No baroid. Conditioning mud with zeogel & impermex. Oct. 26. Lost circ. Visc. 49. (Driller believes thief sand 600)

Oct. 27. Mud not standing up. Recovered circ.

Oct. 28. Waiting on further orders.

May 30, 1950 - next report. Cleaning out hole 9 - 1235.

1282 - 1590

Lost circ. Missing mud. June 2. Testad Plug at 600 0.K. Got returns. (Note: Plug was not cement - perhaps one of hulls, etc.)

1590 - 1764 1764 - 2110

June 7. Circ. on bottom. waiting on cement to run casing.

June 10. Pulled out of hole to run pipe.

June 11. Ran 7" O.D. to 21101 cemented with 150 sks. of ideal

cement leaving 2 sks in pipe.

Aug. 17. Tested casing. O.K. Bailed fluid down to 370 set 4 hrs. ran bailer - no raise in fluid.

Aug. 19. Resumed drilling. Drilled out plug - 2104.

2109 - 2114 Salt. Bailed down Aug. 20. 30 hr. fluid rise 6. Came out ma 2114 - 2177 2177 - 2262 Salt. Streaks of lime Salt, me, shale he, salt, shale Salt, streaks of shale 2262 - 2333 2333 - 2423 2433 - 2462 Salt 2462 - 2468 Line 2468 - 2487 Tough blue shale 2487 - 2580 Mostly salt with streaks of shale 2580 - 2600 Black shale 2600 - 2659 2659 - 2685 Shale, lime Shale, salt 2685 - 2725Slick brown shale. 2725 - 2728 Hard shell 2728 - 2733 Shale 2733 - 2751Shale, streaks of lime 2751 - 2763 Salt, with hard streaks 2763 - 2829 2829 - 2855 Hard shale anhydrite 2855 - 2875 Salt, shale Mostly salt, streaks of cong. Wgt. 78. Vis. 49. 2**87**5 - 2960 PAGE IV

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2960 - 2975
              Lime, shale hard
2975 - 3018
              Shale, salt. Ngt. 79.
                                       V18. 43
3018 - 3049
              Shale, lime
3049 - 3089
               (kind of rock not reported)
      Aug. 28.
                Repairing engine
      Aug. 31.
                Corrected depth, 3040'
      Aug. 31.
                Afternoon. Resumed drilling.
3040 - 3093
              Salt, shale
3093 - 3118
              Shale, salt
3118 - 3142
              Shale and salt
3142 - 3185
              Shale, salt
3185 - 3221
              Salt, shale
3221 - 3242
              Hard streak
3242 - 3272
              Salt, shale. Wgt. 79. Vis. 50
3272 - 3283
              Salt, shale
3283 - 3295
              hard. Ditch sample sandy shale. Lost circ. 3289.
              Regained in 2 hrs.
3312 -3353
              Salt, shale
3353 - 3372
3372 - 3382
              Salt, shale
              Hard lime.
                           Wgt. 78. Vis. 53.
3382 - 3394
              Black shale - too slick to dig well - 21 hr.
3394 - 3423
              Salt, shale
              Black shale, hard.
3423 - 3428
3428 - 3438
              Black shale
3438 - 3452
              Black shale
3452 - 3463
              Salt
3463 - 3464
              Black shale
3464 - 3495
              Salt, shale. Wgt. 78. Vis. 52
3495 - 3516
              Salt, shale, hard streaks
3516 - 3565
              Salt, shale
3565 - 3568
              Lime shell
3568 - 3571
              Shale
3571 - 3578
              Shale, salt. Set packer for Test #2
              Core #1. Rec. 91. Red salt, SATURATED WITH OIL
3578 - 3598
     Reamed 3500 - 3598 to 6".
                        Rec. 101. Red salt. Wgt. 79, Vis. 50
Red salt. SATURATED WITH OIL
Rec. 71. Wgt. 78, Vis. 50 (Red salt)
2598 - 3608
              Core #2.
3608 - 3620
              Core #3.
3620 - 3630
              Core #4.
                                                        (Red salt)
3630 - 3642
              Core #5.
                        Rec. 12'. Red salt.
     Corrected depth 3629.081
                                    Gray red salt. Mgt. 77, Vis. 47.
3629 - 3640
             Core #6.
                        Rec. 11.
             Core #7. Rec. 101. Hard salt, gil naturated streaks.
3640- -3650
```

Reamed 3374 - 3569 6" hold - agt. 79, Vis. 50.

Core 3. Lost. (Rec. with #10) hard lime, talt.

Core 30. Rec 10' & (10' of #9) cker seat

Core 11. Rec. 10'. Black shale 3661 - 3671 3671 - 3681 3681 - 3691 3691 - 3697 Core #12. Black shale Sept. 18. Waiting orders. Sept. 22. Resumed drilling

Black shale, streaks of shale at bottom. 3697 - 3707 Core #13. Black shale, 3707 - 3716 Core #14. Black shale, 3716 - 3726 Core #15. Black shale. 3726 - 3731 Core #16. Black shale, Black shale, oil odor - some gas.

Core #16. Black shale, streaks of lime

Page V

Sept. 27. Ran Johnson Tester, would not trip. Heran tester without trip valve. Rec. some gas - blew 2; hrs. 1501 of mud-water and some oil with mud. Packer set 3671. Sept. 23. Closed down. Sea sled sunk. Sept. 30. Resumed arilling

3731 - 3735 Core π 17. Black shale and hard lime.

Oct. 2. Ran Johnson Tester. Set packer at 3570. Bottom 3735. Opened at 9:50 a.m. Set 3 hr. Blew gas - 360' fluid, mud and water. Bottom hole pressure 300 lbs.

3737 - 3745Core #18. Black shale, hard lime 3745 - 3757 Core #19. Black shale, lime. Good how gas, straw oil 3757- 3760 Black shale. Kelly hose blew out. Poor connection. Oct. 6, 1950.

Oct. 9. Resumed drilling

3762 **- 377**2 Black shale 3772 - 3734 Black shale, lime 3**78**4 - 3794 Shale, salt 3794 - 3800 3800 - 3808 chale, salt, Streaks of lime Shale, salt, streaks of lime 3808 - 3809 Shale, streaks of lime 3809 - 3832 Shale 3832 - 3839 Salt 3839 - 3862 Salt, streaks of shale 3862 - 3874 Salt, streaks of shale. Mixed mud. Vis. 37-40 3874 - 3890 Black shale

3890 - 3906 Salt & shale 3906 - 3934 Black shale

3934 - 3970 Salt

3970 - 4039 Salt with thin streaks black shale

4039 - 4054 Salt 4054 - 4067 Salt and gyp. 4067 - 4082 Hard black shale

> Oct. 18. Left a cutter in hole. Failed to recover it. Oct. 19. Drilled by it.

> > The second second

4082 - 4099 Black shale 4099 - 4125 Shale

4125 - 4154 Salt, streaks of shale

4154- 4156 Hard shale

4156 - 4161 Shale

Oct. 21. Shut down Oct. 26. Resumed drilling

4161 - 4175 Hard black shale

4180 - 4183 Hard black shale 4183 - 4213 Salt Salt with hard streaks of shale 1213 - 4240 4240 - 4270 Salt 4270 - 4305 4305 - 4345 Salt Salt 4345 - 4347 4347 - 4352 Ealt Shale 4352 - 4393 Salt 4393 - 4455 Salt and some shale 4455 - 4476 4476 - 4483 Salt Lime, some hard shale 4483 - 4497 Lime and hard shale 4497 - 4500 Lime Lime 4500 - 45-8 45**98 - 1**520 4520 - 4574 Shale and salt Salt, streaks of shale 4574 - 4625 Salt and streaks of hard shale 4625 - 4652 Salt 4652-- 4656 Hard Lime PAGE VI

```
Mov. 2, 1950
                                                     shut down to install blowout preventers.
               Nov. 5.
                                                     Resumed drilling
  4703 - 4749
                                    Salt
  4749 - 4810
                                    Salt
  4810 - 4870
                                    Salt
  4870 - 4885
                                    Salt
  4885 - 4894
                                    Lime
  4894 - 4900
                                    Salt
  4900 - 4904
                                    Lime
               Nov. 7. Shut down to repair engine and pump.
               Nov. 11. Found casing parted at 1550. Had been loosing mud
               for some time. Believed hole in casing. Cemented with 100
               sks with negative results. Put on die tap and made up
               successfully.
              Nov. 25. Resumed drilling. Coring for reported show at
               4900' in 50' offset well.
 4904 - 4907
                                    Lime
 4907 - 4922
                                    Core #1.
                                                              Rec. full, salt
 4922 - 4942
                                    Salt
 4942 - 4966
                                   Salt
 4966 - 4986
                                    Core #2.
                                                              Rec. Full, salt.
 4986 - 5005
                                   Core #3.
 5005 - 5-25
                                   Core #4.
 5025 - 5045
                                                                 17
                                   Core #5.
 5045 - 5064
                                                                 Ħ
                                   Core #6.
                                                                                                      High false dip or fracture
 5064 - 5084
                                   Core #7.
                                                                 Ħ
                                                                                                      High false dip or fracture.
                                   with white parting planes.
 5084 - 5105
                                   Core #8.
                                                             Rec. full, salt
5105 - 5120
                                   Core #9.
                                                              11
                                                                                                      . Low dip with white parting planes
5120 - 5135
                                   Core #10
5138 - 5158
                                                             #1
                                   Core #11.
5158 - 5178
                                   Core #12.
5178 - 5198
                                   Core #13.
5193 - 5218
                                   Core #14.
5218 - 5238
                                  Core #15.
                                                                              11
                                                                                             77
                                                                                                        strong Oil odor.
5238 - 5251
                                                             71
                                  Core #16.
                                                                                             71
                                                                                                        Strong cas odor.
5251 - 5265
                                                                             Ħ
                                  Core #17.
5262 - 5273
                                  Core #18.
                                                               Rec. 51.
5273
            - 5288
                                  Core #19.
                                                               Rec. full, salt.
5288 - 5305
                                  Core #20.
                                                               Rec. 71
5305 - 5325
                                  Core #21,
                                                               Rec. full, salt.
            - 5345
- 5362
                                  Core #22.
5325
                                                                  -
5345
                                                                                                                                 A CONTRACTOR OF THE CONTRACTOR
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4656 - 4673

4673 - 4676

4576 - 4703

Salt

Lime

Salt, streakd of lime

around core.

5412 - 5418 Core # Rec. 4'. Black lime at chale. Good saturation.

Jan. 1, 1951. Engine down.
Jan. 6, Resumed arilling

Jan. 6, Resumed crilling

5418- 5430 Core #27. Rec. full. anhydrite (good seat) Caprock.

5430 - 5442 Core #28.

5442 - 5448 Anhydrite (very hard)

Jan. 13, 1951
5448 - 5457- Nine feet in 45 minutes drilling time. 42.6 gravity paraffin oil flowed over crown block. Shut well in with blowout preventer.

PAGE VII

UNIT DEPARTMENT

GEOLOG

TATES
THE INTERIOR

SURVEY

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LESSEE'S MONTHLY REPORT OF OPERATIONS

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SEC. AND HI OF H	1	RANGE		Дата Рворисно	BARRELS OF OIL	1	CU. Ft. of Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (II	DEMARKS (If drilling, depth; if shot down, name date and result of test for gareline content of gare.)
31	260	210	Mas	m Re	1. Heme	Yene	Иене	None	Rene	Spedded July 28. 1949. Shut down; waiting on ossing T. D. 2110-ft.
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Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in form 9-329 (May 1944)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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LESSEE'S MONTHLY REPORT OF OPERATIONS

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Buc. And H or H	Twr.	RANGE	Want. No.	Dars Passesses	Barrels of Oil	GRAVITY	Cu. Fr. or G. (In thousands	GALLONS OF GASOLINE RECOVERED	WATER (II	REMARKS (Haritime, dapth; if shut drove, need to the for guardine contact of tent for guardine contact of gas)
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Norn—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-929 (May 1944)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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LESSEE'S MONTHLY REPORT OF OPERATIONS

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C. AND OF M	Twr.	RANGE	WELL No.	DATE PRODUCTS	BARRE	ls of Oil	GRAVITY	CU. Ft. or Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	Dansals of Water (If node, so mets)	REMARKS (If delling, depth if ship down, ca due and ramin of took for greath content of gas)
31	263	210	(Mae	om. #1) K	CULO	Romo	Home	Fano	Успа	Speeded July 2: 1949. Shut down pending weather ecoditions.
	211			All	acti:	ritio	abus	dama unde	date of	6.0.B.	Dec. 15.
			17	99. G	## \$0	eq ve	DO THE	ather cond. Love Lupnon:	illand es	THE GOT	Pract River,
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			19.	A11 9, s: 2056 9et	dril dril drie drie drie drie drie drie drie drie	adver count: ling of the fi home month		ither conditive legislations to make the constant of the constant of the constant of the condition of the co	ated und change of a 2058-der under der under der abeve s	er date nosuster t. Tent r shut-e	of Set. 18, ed at 2032-ft ative plans If to 2058-ft.
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DUANE C. RANDALL CONSULTING GEOLOGIST

POST OFFICE BOX 66

Americal #1 Mason 920 N of SL 620 E of WL El 3965 Gr. Est. Sec 31 T268 R21E MH+14-59

Data from various reports in Americal Office and Carter Oil Company Scout ticket:

The well was spudded July 27, 1949, at a location only 50 feet from the old Midwest well. All equipment was moved in by barge over the Colorado River. The rig was an Allis Chalmers suitable for drilling to about 3000. Surface casing, 103/4 was set at 147 and cemented with 95 sacks cement. Lost circulation somes were encountered at 989, 1576, 3282, and the well took mud almost continuously below 497. 'Gas shows were noted at 841 and sufficient saturation was noted at 1400 to 1438 to warrant a drill stem test. No oil or gas was recovered. Salt water started coming in at 2006 with a "troublesome flow" at 2023-2030. Some reports give this up to 35% oil but this considered doubtful. Drilling continued and 7" casing was cemented at 2110 with 150 sacks. The plug was drilled and casing tested by bailing.

This well was cored frequently through the salt section and a number of the brief descriptions include oil saturation. A drill stem test taken (?) to 3731 recovered 250 feet of water, mud and some oil. There was a 2½ hour gas blow. Another test 3570-3755 recovered 860 feet of fluid. It also blow gas and had a recorded pressure of 800 probably flowing. The section tested is described as black shale and limestone. While drilling at 4900 an attempt was made to squeeze

a casing leak but casing had evidently parted.

Operator cored an anhydrite section 5418-5448 then cored into pay section 5448-5457. Before core was pulled the well started flowing building up to about 5 feet above rotary table before being shut in. Actual results of the teating are clouded but it seems evident that well was opened a number of times while the core was in the hole. An initial flowing pressure of 1740 psi. and final flowing pressure of 2890 is indicated for the 14 day period of this testing. Pressures were evidently surface. Water may or may not have been present. At any rate this well was considered hasardous by the U.S.G.S. and was killed with what appears to be inordinate amounts of mud material, 520 tons Baroid, 24 tons Impermex and 50 tons Zeogel.

The well was then drilled and cored to 5751 and plugged back to 5477 and 4½n 16.60 pound inserted drill pipe casing was cemented as casing to 5444 with 100 sacks of cement. The well was tested for 12 months by swabbing and pumping. A thousand gallon acid treatment was given in May 1951, 2000 gallons in October 1951, and 120 quarts of nitroglycerin in May of 1952. Large amounts of mud were recovered but the net effect of the treatment was to increase production from 2-3

barrels per day to 12 barrels per day.

The well was then shut in from July 1952 until February of 1954 when a workover was started. The 4½n drill pipe was washed over to 540 and cut at 1795 and pulled. It was then cut at 3000 and when it could not be pulled was cut again at 2095 and pulled. The remainder to 3000 was then washed over and pulled. It was then cut and pulled to 3748 and a cement plug was placed from 3600 to 3748. This was dressed eff to 3638 and a whipstock set. The hole was opened to 3681 and an oil flow started while the well was shut down. A drill stem test recovered only gas and water from 3668 to 3681. The hele was drilled to 3752 then plugged back to 3613 whipstocked, plugged back to 3240 whipstocked and drilled to 3285, plugged back to 2461 and again whipstocked. This time the well was successfully carried to 5518 where a drill stem test was taken (Gopy attached). The 4½n drill pipe was then

Americal #1 Mason -2-

4.2.

run and cemented at 5436.

The well was swabbed for several days and then with packer set at 5448, 75 sacks of cement were pumped in. Leaks were found in the tubing and in the casing. The casing leak was cemented, sticking the packer in the process and the well cleaned out to T.B. and drilled to 5536. The well was then swabbed with no report of volume produced—500 feet of Iluid in the hole. The well was swabbed dry after approximately one month. The well was then squeezed below packer set at 5408 then while drilling cement tools were left in hole and bypassed and the hole drilled to 5602. The well was then perforated 5502 to 5485 and tested wet. It was then drilled to 5923 in salt with a 3½ diamond bit. Approximately 2500' of tools and drill pipe were left in the hole. It is believed that 28 joints were recovered leaving 55 joints, and two pups in the hole. A report to Bept. of Interior states intention of plugging well 2435-2550 so top of fish may be at that depth. At any rate the top joint of casing (drill pipe) was unscrewed and the well is now standing full of fluid, of which at least the top portion is oil.



UNITED STATES DEPARTMENT OF THE INTERIOR MAR 2 - 1950 GEOLOGICAL SURVEY

LAND OFFICE	***
EASE NUMBER	049/13
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LESSEE'S MONTHLY REPORT OF OPERATIONS

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Budget Bureau No. 42-R356.2. Approval expires 11-30-49.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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LAND OFFICE .	. UTA	H 049	6.16	44	11
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		LE	SSE	EE'S	MON	THL	RE	PORT	OF O		IONS 1950
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Nors.-There were

runs or sales of gasoline during the month. (Write "no" where applicable.)

Norm.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Budget Bureau No. 43-R366.2. Approval expires 11-30-49.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LEASE NUMBER UTAH 0496

LESSEE'S MONTHLY REPORT OF OPERATIONS

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Agent's	s addi	"ess			M()	AB, U	rah .		0	mpany	CANTO A	
			CANE	CRE	ek l	ease,	Moab,	Utah	Siø	mpany Ined B		PETROLEUS, Inc
Phone .					***		· · · · · · · · · · · · ·					REPRESENTATIVE
SEC. AND 14 OF 14	TWP.	RANGE	WELL No.	DATS PRODUCE	ВА	RRELS OF	OIL GRAV	CU. FT.	. OF GAS	GALLONS OF GASOLINE RECOVERED		REMARKS (If drilling, depth; if shut down, cause date and result of test for gasoline
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Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-881 a (March 1942)



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Lease No. Wa0496

Unit Base Greek Antiquine

MAY 31 1950

SUNDRY NOTICES AND REPORTS ON

Ben		77
discount	NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
ı	NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
	NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING.
l	NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR
l	NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
l	NOTICE OF INTENTION TO PULL OR ALTER CASING.	SUPPLEMENTARY WELL HISTORY
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(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

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Well No. 100 is loca	ated	e of sec.
(14 Sec. and Sec. No.)	(Twp.) (Range) (Meridian)	
(Field)	(County or Subdivision) (State or Terr	itory)

The elevation of the derrick floor above sea level is the ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, comenting points, and all other important proposed work)

and delige to the second to th

I understand that this plan of work must receive approval in writing by the Goological Survey before operations may be commenced.

Company

MAY 3 1 1950

By

Title

Title

Title

Title

Budget Bureau No. 42-R356.2. Approval expires 11-30-49.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LAND OF ME LAND CITY
LEASE NUMBER TOASE
Owne Creek inticline

LESSEE'S MONTHLY REPORT OF OPERATIONS

vells) fo			•	May tube	······································	 Dol.4	Con Sig	n pan	trong Of	* Sempeny
hone	Tyr	RANGE	WELL No.	Dars Propress	BARRELS OF OU	GRAVITY	Or to an /lea	GALLONS OF GABOLINE	BARRES OF WATER (If	REMARKS tif drilling, depth; if shut down, cause; date and result of test for gasoline
и от н 2 3	38 2				Home		Jeno	RECOVERED 1		opeiring draw-works igh pressure mad ine, reconditioning il equipment, prepar- tory to running re asing to bettem of ale and commuting ith 150 maks of co- ent, then best for ator shuteff after otifying Bivision ingineer, ir, faurem
										temp has been made r y and all semen inc easing, feel, suppli- ind other goar hands een moved down the year to the job.
										AY 3 1950 CEIVED

Norm.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

the great designation

Budget Bureau No. 43-R356.2. Approval expires 11-30-49.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

L OFFICE Salt Lake City
LEASE NUMBER U-0496
UNIT Cane Creek Anticline

LESSEE'S MONTHLY REPORT OF OPERATIONS

	Ut	ah		Co	untu Gr	and	Fie	eldC	ane Cre	ek
State The	follo				t monor of	meratio	ons and pro	duction (ir	ncluding d	rilling and producing
**************************************	or the	mon	th of	JUI	16		_, 19 <u>00</u> _,		1 2	101100
Agent's	addr	ess 8	3255	Beve	arly Blvd		Con	npany	ne cree	h t
	Lo	a Ai	ngel	es,	Californi	.8.	Sig	ned	Field	Representative
Phone .	<u> </u>	ebsi	ter	3-948	39		Age	1	\mathcal{D}	REMARKS
SEC. AND	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. Ft. of GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	(If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
31 Lot 6	2 6S	21E	1	none	none	x	none	none	none	No drilling. Running 2010' of 7" casing. Also transportin new drill pipe from Los Angeles prepatory to resuming drillin operations.
									Jen 1	JAN 1 1 1951
		~ 1		no		PIIDS	or sales of oil: -	no		M. cu. ft. of gas sold;

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget Bureau No. C. RISELA.
Approval expires 11-30-46.

LAND OFFICE U-0496

LEASE NUMBER U-0496

UNIT Cane Creek Anticline

LESSEE'S MONTHLY REPORT OF OPERATIONS

State	Ut	ah			ountyGr	and	Fi	_{eld} Ca	ne Cree	k
Th wells) f	e foll or th	owing e mor	is a tho	correct	t report of	operati	ons and pro	oduction (i	ncluding	drilling and producing
Agent's	addi T	ess	2633	Deve	LTA DIAG			mpany	re Cres	K OID Co.
Phone	WE	bste	r 3	es, C -9489	alliorni	8	Sig	ned 6 ent's tit je	riold R	epresentative
SEC. AND H OF H	Twp.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	Cv. Fr. of Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, dopth; if shut down, cause; date and result of test for gasoline content of gas)
31 Lot 6	2 6S	21E	1	none	none	x	none	none	non e	No drilling. Transporting drill pipe down river to drill site and constructing special type boat to navigate river due to low water.
									JAN 11	N11 1951
Norm	Th	re wer	_	n	•		mins of all:	n		W on the of sourceld.

Budget Bureau No. 43-R255.2. Approval expires 11-80-68.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

OFFICE Salt Lake City U-0496 LEASE NUMBER U-0496
UNIT Cane Creek Anticline

LESSEE'S MONTHLY REPORT OF OPERATIONS

State	Uta	h		C	ounty Gr	and	Fi	old	Cane Cr	eek
wells)	he foll for th	owing e mor	is a	corre	ct report of	operati	ions and pro	eduction (including	drilling and producing
Agent I	's addi OS A	ess ngel	825 es,	5 Bev Cali	erly Blv fornia	d.	C07 Sig	mpany C	ane Cre	sk 011 Co.
							Sig Age		4.	Representative
SEC. AND H	1	RANGE		DAYS PRODUCED	BARRELS OF OIL		Cu. Fr. of Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARBELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, onuse; date and result of test for gasoline
31 Lot 6	2652		#1	None	None	x	None	None	None	Repairing Rig Bottom of Hole 3389'. Drilling in hard shale.
										in hard shale.

										ORWARDED TO CASPER
										SEP6-1950
•										COME CITY, UTAN
Nоти	.—Ther	e were		No	r	uns or sa	les of oil;	No)	M on ft of gan sold.

runs or sales of gasoline during the month. (Write "no" where applicable.) Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329 (May 1944)

Budget Bureau No. 42-R358.1. Approval expires 11-30-49.

Form 9-881 a (March 1942)

(SUBMIT IN TRIPLICATE)

UNITED STATES

GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. U=04.96

Unit Cane Creek DEPARTMENT OF THE WITHOUT ED

Anticline

SUNDRY NOTICES AND REPORTS ON W

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING
MOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

		Sept	ember 5,	, 19 <u>50</u>
Well No. Mason #1 is lo	cated 920 ft.	from S line an	d 620 ft. from W line	of sec. 31
Lot #6	26 S	21 E.	S.L.M.	
(14 Sec. and Sec. No.)	(Twp.)	(Range)	(Meridian)	
Cane Creek	Gra	nd County	Utah	
(Field)	(Co	unty or Subdivision)	(State or Territo	жу)

The elevation of the derrick floor above sea level is 3965 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Having cleaned out the hole of Mason #1 to 2010* we ran 7". (26#) range 2 and 5 casing and cemented with 150 sacks of neat cement. Hole was then bailed to 1580' and after letting it set for 24 hours found no water rise. We then drilled out with a 61" bit and made 5' of new hole and bailed hole dry. After setting for 30 hours it had a 6" water rise, which doubtlessly was only sweat in the hole. Water shut off is, therefore, considered goods We have new 2 7/8" drill pipe down the river and are drilling ahead and presently are at 3389' experiencing no water difficulty or pollution of any kind. We will drill to 3580' then core through an expected zone at 3628'. If production is found at this horizon we will set 42" insert pipe and run 2" tubing after camenting to the top. Trusting this meets with your approval

1 understand	I that this plan of work must receive approval in writing by	the Geological Survey before operations may be commenced.
Company	Cane Creek 011 Company	
Address	634 21st Place	
Within the control of	Santa Monica, Calif.	By M. S. Sh
Appro	ved SEP 1 2 1950	Title Field Representative
	Digital Enginer	CE 2 6-8487-8

Budget Bureau No. 42-B286.2. Approval expires 11-80-40.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

L OFFICE Sale Lake City
LEASE NUMBER U-0496
UNIT Cane Creek Anticline

LESSEE'S MONTHLY REPORT OF OPERATIONS

Phone	W	Ebst	er	3-948	fornia 9		Co	ned ned	15	drilling and producing seek 011 Co. Representative
H OF H	Twp.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	Cu. Fr. or Gas (In thousands)	GALLONS OF GASOLINE	BARRELS OF	
31 ot 6	26 S	21E	1	none	none	x	none	RECOVERED	WATER (If none, so state)	date and result of test for gasoline content of gas)
								none	8	Starting at 3389 in hard shale drilled ahead to 3565' and cored 3670' in salt which had a light showing of oil. Continued coring and drilling to depth of 3890'. No tests made.
								í	JAN 1 1 72	OSIVED

DEPARTI IN OF THE INTERIOR GEOLOGICAL SURVEY

Budget Bureeu No. d-Rama.
Approval expires 11-35-4.

Salt Lake City

Lease Number U-0496

UNIT Cane Creek Anticline

LESSEE'S MONTHLY REPORT OF OPERATIONS

State _	U	tah		C	ounty Gr	and	777	.,, Ca	ne Cree	k
Th wells) Agent'	e foll for th	owing e mon	is a tho 82	correct Oct	ct report of cober	operati	ions and pro	oduction (1	including Same Cr	drilling and producing
	Los	Änge	les	, Cal	ifornia		Co:	mpany (m) han
Phone	W	Ebst	er	3-948	39		Ag	ent's title	Field	Representative
SEC. AND H OF H	TWP.	RANGE	WELL No.	DATS PRODUCED	Barrels of Oil	GRAVITY	Cu. Fr. or Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	(If drilling, depth; if shut down, earne; date and result of toet for gasoline content of gas)
31 Lot 6	265	211	1	none	none	X	none	none	none	Solid drilling through salt and some shale to a depth of 4680'
										No tests made.
										JAN 1 1 1951
	—Ther	e were .		no		runs or s	ales of oil;	no		M. cu. ft. of gas sold:

Norm.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in durlicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-829 (May 1944)

Budget Bureau No. 42-R356.2. Approval expires 11-30-49. Salt Lake City

0FFICE U-0496 UNIT Cane Creek Anticline

FED STATES DEPARTA T OF THE INTERIOR G: GICAL SURVEY

LESSEE'S MONTHLY REPORT OF OPERATIONS

State _		Utah		C	County	rand	77	C	ane Cre	ek
Th wells) f Agent's L Phone	e foll or th addi	e moi e moi ress An ge	is on the one of the second se	r corre No 55 Be Cal	vember verly Blu	óperat	ions and pr , 19, Co	oduction ((including	drilling and producing polico. Representative
SEC. AND H OF H	TWP.	RANGE	WELL No.	DAYS PRODUCED	D			GALLONS OF GASOLINE	BARBELS OF	DEMARKO
31 Lot 6	268	211	<u> </u>	non	none	x	none	RECOVERED	WATER (If none, so state)	(it drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
										Drilled through salt and shale to a depth of 4707! at which point rig was shut down to install blowout prevention equip. Drilled further to a depth of 4904! and was shut down for balance of month overhauling and repairing engines. No tests made.
									JAN	1 1951
										JAN 1 1 1951
Note.—'				10 runs o	r sales of gasoli	ns or sale	es of oil;	no		M. cu. ft. of gas sold;

runs or sales of gasoline during the month. (Write "no" where applicable.) Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor then you

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Budget Bureau No. 43-R356.2. Approval expires 11-30-49. Salt Lake City LAND OFFICE U-0496

LEASE NUMBER CANO Creek Anticline

LESSEE'S MONTHLY REPORT OF OPERATIONS

State	Ut	ah		Co	untu Gr	and	Fie	eldC	ane Cre	ek			
Th	e folk	owing	is a	correc	t report of	perati	ons and pro	duction (i	ncluding o	drilling and producing			
A 4 am +1		ر م ور	3255	Beag	orta brac	•	., 19,	npany	ane of	ak Oil Company			
argence	Los	Ang	91 e 8	, cal	lliornia		Sig		y/\mathcal{I}	many			
Phone	WE	bst	er 3	-9489) 		Ag	ent's u tle	/ Kield Representstive				
SEC. AND H OF H	TWP.	Range	Well. No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	Cu. Fr. or Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gaseline content of gas)			
31 Lot	265	21	E 1	non	none	*	none	none	none	Cored solid thru 465' of salt, which held some oil. Rig shut down for over th Holidays. Will resume operation again Jan. 3rd a a depth of 5385' No tests made.			
									1	JAN 1 1 1951			
No	TE.—T	here w	ere	N	0	runs c	or sales of oil;	1	No.	M. cu. ft. of gas sold;			

NO runs or sales of gasoline during the month. (Write "no" where applicable.) Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

LABORATORY CERTIFICATE SMITH-EMERY COMPANY Chemical Engineers and Chemist Metallurgical and Testing Engineers 920 Santee Street Los Angeles

Laboratory No. 331912					
			Dates	January	22, 1951
NO. 331712					
- 2 043		Mankad :	"Americal P Block, Utah	etroleum.	Inc.
Sample: Oil	erminations	Jed to Jrog	Stoch Utah		
			Manage #1 N	-11	
Received: 1-22	-51		Mason #1 No. 10 Per 10	fellttatü	AND SERVICE
	A de and browning		DE DE Reald	URBSY' FIRE	02 Ja
smith settlement	Canel Creek Pet.	, THe.		1	
	#244 Reverly Bly	rd o	Potest 20	Bolling	Initial
•	Los Angeles 48,	California	Z 013701	#0 M	10% ove
37.1° API		** 'CC	.¢		20% ove
ITA ASSEE Mr. Adam	d ole	90° F.	<u> </u>		30% ove
32.7 API	Dete	mineting	lφ).		
32.2° API	(On Seaso)	AS BOOK	<u> </u>	JA 7	(eac \$077
IGA CAVEY at 60°	(00)	-D207-18/2	- AA	JB _J T	2.30
THE CHARTER WE OU	23-14		ζ	J	200
19A water By Disti	llation (AST)	As) Fuctor	K.	34	70% 07
INA REPER API	AST	1838 MILEON	2) · · · · · · · · · · · · · · · · · · ·	• • • • • • • • •	
	Pote	Tribes 1000	s, in Grade	ting Stool	-ubricat
	(On	Dry Ozz,	· · · · · · · · · · · · · · · · · · ·	. ـــد مي ــــــ ت ت ت ت	A = 0 . DT
Gravity at 60	ARTH	<u> </u>		4	Z.J. ALT
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Carl mbress	AST)	(-m29-34)		• • • • • • •	0.28%
parbuar					
	D4B443	lation Test	4		
	(Four Point Con	The board	On Deer Odl)		
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Tope, Net at					2.60%
)(U)	rity 57.4°	MT)	4	2.60%
,					
,	Distil.	lation Of T)DE	4	Gasoline
Tom	Distil'	Per Cent	Per Cent		Gasoline Content
Tom 0.2	Distil'	lation Of T)DE	Factor	Gasoline Content
	Distil'	Per Cent	Per Cent		Gasoline Content
, i	Distil'	Per Cent	Per Cent of Crude	Factor	Gasoline Content of Crude
Start	p. Amount Distilled	Per Cent of Tops	Per Cent	Factor.	Gasoline Gontent of Grude
Start Off At221	p. Amount Distilled F. 82.0 M.	Per Cent of Tons 27.335	Per Cent of Crude	Factor	Gasoline Content of Crude 58.20% 34.08%
Start Off At221.0 Off At284.	p. Amount Distilled P. 82.0 M. F. 120.0 M.	Per Cent of Tops 27.33%	Per Cent of Crude	Factor.	Gasoline Gontent of Grude
Start Off At221 Off At284 Off At392	P. 82.0 M. F. 120.0 M. F. 214.0 M.	Per Cent of Tops 27.338 40.006 71.338	Per Cent of Crude 11.64\$ 17.04\$ 30.39\$	Factor x5 x2	Gasoline Content of Crude 58.20% 34.08%
Start Off At221.0 Off At284.	P. 82.0 M. F. 120.0 M. F. 214.0 M.	Per Cent of Tops 27.33%	Per Cent of Crude	Factor x5 x2 +.9	Gasoline Content of Crude 58.20% 34.06% 33.76%
Start Off At221 Off At284 Off At392	P. 82.0 M. F. 120.0 M. F. 214.0 M.	Per Cent of Tops 27.338 40.006 71.338	Per Cent of Crude 11.64\$ 17.04\$ 30.39\$	Factor x5 x2 +.9	Gasoline Content of Crude 58.20% 34.06% 33.76%
Start Off At221 Off At284 Off At392	P. 82.0 M. F. 120.0 M. F. 214.0 M. F. 244.0 M.	Per Cent of Tops 27.338 40.006 71.338	Per Cent of Crude 11.64\$ 17.04\$ 30.39\$ 34.65\$	Factor x5 x2 +.9 xl	Gasoline Content of Crude 58.20% 34.06% 33.76%
Start Off At221 Off At284 Off At392 Off At437	P. 82.0 M. F. 120.0 M. F. 214.0 M. F. 244.0 M.	Per Cent of Tons 27.33% 40.00% 71.33% 61.33%	Per Cent of Crude 11.64% 17.04% 30.39% 34.65%	Factor x5 x2 +.9 x1	Gasoline Content of Grude 58.20% 34.08% 33.76% 34.65%
Start Off At221 Off At284 Off At392 Off At437	P. 82.0 M. F. 120.0 M. F. 214.0 M. F. 244.0 M.	Per Cent of Tons 27.33% 40.00% 71.33% 61.33%	Per Cent of Crude 11.64% 17.04% 30.39% 34.65%	Factor x5 x2 +.9 x1	Gasoline Content of Grude 58.20% 34.08% 33.76% 34.65%
Start Off At221 Off At284 Off At392 Off At437	P. 82.0 M. F. 120.0 M. F. 214.0 M. F. 244.0 M.	Per Cent of Tons 27.33% 40.00% 71.33% 61.33%	Per Cent of Crude 11.64% 17.04% 30.39% 34.65%	Factor x5 x2 +.9 x1	Gasoline Content of Grude 58.20% 34.08% 33.76% 34.65%
Start Off At221 Off At284 Off At392 Off At437	P. 82.0 M. F. 120.0 M. F. 214.0 M. F. 244.0 M.	Per Cent of Tons 27.33% 40.00% 71.33% 61.33%	Per Cent of Crude 11.64% 17.04% 30.39% 34.65%	Factor x5 x2 +.9 x1	Gasoline Content of Grude 58.20% 34.08% 33.76% 34.65%
Start Off At221 Off At284 Off At392 Off At437	P. 82.0 M. F. 120.0 M. F. 214.0 M. F. 244.0 M.	Per Cent of Tops 27.33% 40.00% 71.33% 60.33%	Per Cent of Crude 11.645 17.045 30.395 34.655 99.6 API) 45.1 API) 45.1 API) 41.7 API)	Factor x5 x2 +.9 x1	Gasoline Content of Grude 58.20% 34.08% 33.76% 34.65%
Start Off At221 Off At284 Off At392 Off At437	P. 82.0 M. F. 120.0 M. F. 214.0 M. F. 244.0 M.	Per Cent of Tops 27.33% 40.00% 71.33% 60.33%	Per Cent of Crude 11.645 17.045 30.395 34.655 99.6 API) 45.1 API) 45.1 API) 41.7 API) 28.2 API) setfully Su	Factor x5 x2 +.9 x1	Gasoline Content of Grude 58.20% 34.08% 33.76% 34.65%
Start Off At221 Off At284 Off At392 Off At437	P. 82.0 M. F. 120.0 M. F. 214.0 M. F. 244.0 M.	Per Cent of Tops 27.33% 40.00% 71.33% 60.33%	Per Cent of Crude 11.645 17.045 30.395 34.655 28.20 API) 28.20 API) 28.20 API) petfully Su /e/ Suith-E	Factor x5 x2 +.9 x1 .76%	Gasoline Content of Grude 58.20% 34.08% 33.76% 34.65%
Start Off At221 Off At284 Off At392 Off At437	P. 82.0 M. F. 120.0 M. F. 214.0 M. F. 244.0 M.	Per Cent of Tops 27.33% 40.00% 71.33% 60.33%	Per Cent of Crude 11.645 17.045 30.395 34.655 28.20 API) 28.20 API) 28.20 API) petfully Su /e/ Suith-E	Factor x5 x2 +.9 x1	Gasoline Content of Grude 58.20% 34.08% 33.76% 34.65%

(oper)

Utah 0496

LABORATORY CERTIFICATE SMITH-EMERY COMPANY Chemical Engineers and Chemist Metallurgical and Testing Engineers 920 Santee Street

Los Angeles

Violations Todal : January 22, 1951 Mc. 331912 etroleum, Inc. Report of Determinations Ito :elame? Received: 1-22-51 20 mm Pressure of Residuum .oni ... Granty at 600 F. of Erretions Sant bouverly Blvd. Initial Boiling Point Los angeles 48, Californis 10% over at 37.1° API 3900 F. жолмара . 1 33.20 API 32.7 API 20% over at 30% over at Determination LOS over at 32.20 API (m Sample as Dace IPA CAPTE By Distillation (ASTM-D-95-2)

IPA CAPTE By Distillation (ASTM-D-95-2)

IPA WE CE S

I Determinations of the contractions of the contraction of the contractions of the contraction of the contractions of the contraction of the contrac Paraffin.....(KCTL Method)...... N.D. Sulphur......(ASTW-D129-34)............0.28% Distillation Test (Four Point Contfol Method On Dry 11) Tops, Net at 500 F.....(Gravity 57.4 AFI).... Cascline Distillation Of Tops Content Per Cent Per Cent Amount . Crase T of Grade Pactor of Crude egoT lo Distilled Start 58.20% X5 11.645 27.33% Off At... 2210 F. 82.0 MC 34.08X 17.045 011 At...284° F. X 120.0 ML **200.**07 33.76% off At...392° P. 4.9 30.39% 71.33E 214.0 M 34.65% [x 34.65% off ht...437° F. £1.33% 244.0 ME Commercial Products: Respectfully Submitted s Sath-Emery Co. E.O.S.

(vevo)

Star Day

Lance or premite Nation . Supplement

Con Home To see a light the of the

Robert &. Ross

5

UNITED STATES

Jan. 7-8 Coring, Depth 5418-5439 Reston 128 Anhydrite
Jan. 9Coring depth 5430-5442 Anhydrite
Jan. 10-11 Coring depth 5448-52 Drill pipe and core still in the hole. Drilling rate of this core:

SUNDRY MENICHER SAUCERERS ON WELLS

On Jan 11 well began making water at about 12 o'clock noon. By the time the rams were closed on drill pipe and valves closed on mud line, or by 12:30 PM water and oil was flowing 5 over rotary table. The next several days were spent in moving in mud material and making 250 bbls of mud to 78 lbs per cubic feet.

Since then and up to Jan 31 proparations were spent to bring the well under control, to run 42 casing and to testthe well and to put it on a flow maker choke. The work was greatly delayed by bad weather.

Well Nongran of is located top of the front of line and good from the line of sec.

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All States of the States of th

The devation of the derrick floor above sea level is the first of the

DETAILS OF WORK

	arion to cathina
iha of proposed casings; indicate mudding jobs; comenta caed work;	brace names of and aspected depthes a opiecous energy surfices veights, and large Lag penate, and ad other languages.
	ighal aday paropay seed to creamenate
office and control of the control	"Od 10 otypeess a to al beacle ebasta
:Jag lesis .lei 000,i en ¦m	control for use as a mud officer to
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gical Survey before operations may be commenced.	I understand that the plate of work order receive approve in writing by the Goole
	Ompany Care Coek ULL Co.
	Address

LABORATORY CERTIFICATE

SMITH-EMERY COMPANY

CHEMICAL ENGINEERS AND CHEMISTS

METALLURGICAL AND TESTING ENGINEERS

920 SANTER STREET

LOS ANGELES

Utal 0496

LABORATORY

No.

331912

Sample

Cil.

Received

Submitted by

M. & B. S.

Marked

"Aperic i Petroless, Taca,

Mosb, Utek Mosor #1 Woll

U.S.Governount Imae U-Caso

0255 Recally Bird. Los Angeles, 48, California. Att: Mr. Ademick

DETERMINATIONS

(ON SAMPLE AS RECEIVED)

GRAVITY AT 60° F. WATER BY DISTILLATION (ASTM-D287-36) (ASTM-D-95-30) (ASTM-D-96-35)

Patrician, Ira.,

40,5° DI None Trace

DETERMINATIONS

(ON DRY OIL)

GRAVITY AT 60" F.

(ASTM-D287-35) (ASTM-D243-32T) ASPHALT BO" (KCTL METHOD) PARAFFIN (ASTM-D129-34) SULPHUR

42.5 API

n.d. r.d. 0.28%

GASOLINE

DISTILLATION TEST

(FOUR POINT CONTROL METHOD ON DRY OIL) (GRAVITY 57.4 .API)

TOPS, NET AT BOO' F.

42,60%

DISTILLATION OF TOPS

	TEMP. <u>* F.</u> 76 • F .	AMOUNT DISTILLED	PER CENT OF TOPS	PER CENT OF CRUDE	FACTOR	CONTENT OF CRUDE
START		programme and a	en en en en	77 300		5G 9A
OFF AT	221° F.	82,0 ML	27.53%	11.64%	× 5	59,80 %
OFF AT	284° F.	120,0 ML	40,00%	17.04%	× 2	54.00 %
OFF AT	392° F.	214 0 ML	71.33%	30.39%	÷.9	33.76 %
OFF AT	437° F.	244.0 ML	81.33%	34.65%	×ı	34.65 %

COMMERCIAL PRODUCTS:

		33 .76%	
U. S. MOTOR GASOLINE	E 2 C		34,65 %
GASOLINE, 427° F. END POINT	. GRAVITY DY.O	*API)	
KEROSENE STOCK	GRAVITY 45.1	. *API)	7.95 %
GAS DIL	(GRAVITY 41.7	*API)	10,00 %
RESIDEUM	(GRAVITY 28.2	*API)	47.40 %

RESPECTFUELY SUBMITTED.

gan 23 1/5/

mason #/

Report of Determinations

Vacuum Distillation		
Vacuum Distillation at 20 mm Pressure	of Residuum	Gracity at 60°F
Suital docting point	290°F	ofPractions
10% over at	335° F	37.1° aPI
20%; " " "	390F	33.2° "
3090 " "	410°F	32.7 "
40	440°F	32. Z n
50	495 F	3/.8
70	5250F	31.2 "
	545°F	30.3 "
	(Crocking	started)
Lulicating Stock,	in Crude on	e.
		T. Control of the con

THE TOTAL STREET

SHADINGHE CHARLES

Americal Petroleum Corp. #1 - Utah 0496-A

10-3/4" cc 1481 w/95 sx.

10-14-49 Driller reported 75# mud vis 45 would not hold back salt wtr., depth of appx 2030'.

7" cc 2110' w/150 sx.

1-18-51 5448-5457 oil flowed over crown black block. Shut in blow out preventer.

Telegram 1-23-51 from Phillip Co. Ingalls asked validity of report that well flowed 1500 bbl oil from Miss. at 5445'. 1-23-51 C. A. H. replied flowed heavy brine drilling fluid fixe followed by appx. 130 in one minute test less than 5 min. See disc. ltr. 1-23-51. For some reason a 20' core was left in core tarrel in hole.

3-51 - 9-329 report states press was 635#, Bled thru $\frac{1}{4}$ " orifice to 0 in appx $1\frac{1}{2}$ hr. Flowed 39 BO and then made appx 45 B salt wtr.

4-51 - DST 5435-70' fluid surface 1 hr. 35 min. flw'd clean oil then by heads after hr. Oil produced 2?BO /14½ Mrs. Rec. 16 BO in drill pipe PB 5763 to 5475. $4\frac{1}{2}$ " 5441 w/100 sx.

5-26-51 RUP Pumped from 5-25- to 6-1 prod. dropped from 45 BF to 7 BF but no statement made as to cut.

7-51 Washed well with oil. 1-52 Avg. daily 12 BF 4 BO.

April 52 - Swabbing 18 to 20 B muddy wtr. with small amts oil & gas 5-52 Shot 5448-70 120 qts DuPont El 456. Swabbed dry mud to and Cl. wtr. 12 BF/D No indication of cut. Claimed only 20 qt. DuPont detonated.

3-54 Cut and pulled 4½" csg. at 3748'. Plug 3748 with 60 sx cut Set whipstock at 3638 & drilled new hole 3649'. 4-6-54 Claim started flowing oil. Hole bridged 3674'. 4-8-54 Test 3668-74 on top bridge (?). open 55 min. Rec 7 stands wtr. If bottom test tool on bridge odd way

Hole trouble - several whipstocks - drilled to 3660'.

6-21-54 DST 5469-5519' open 23 hrs. 70 stands free oil, 4 stands mud.

6-23 42" cc 5436' w/75 sx. Displaced mud/oil

7-4 Swb. then pumped 35 BO in hole. Sub. 26 BO & 65 BW.

7-30-54 Drilled to 5536! Displaced mud with oil Drillix on junk.

10-1-54 Swabbing dry.

10-2 Drilled 5600 Pkr 5430 Swb. magnesium chloride wtr. Ran Lane Wells - Jet shot 5502-5485 pkr 5440' swb. mag. wtr & some gas

10-31-54 Drill 5660'

11-6-54 SD.

(SUBMIT IN TRIPLE)

UNITED STATES

DEPARTMENT OF THE STATE

GEOLOGICAL 1 . n.

Land Office Lake Chart

Large NI - 0498

Quas Organia actions

SUNDRY VOTICES AND REFORTS ON WELLS

Nc	NOTICE OF INTENTION TO ABANDON WELL tice Of Intent To Yest Frodu	cti	V	Cabecity
	NOTICE OF INTENTION TO PULL OR ALTER CASING.	- 1		SUPPLEMENTARY WELL HISTORY
	NOTICE OF INTENTION TO SHOOT OF ACIDITAL			SUBSEQUENT REPORT OF AGAINDONIMENT
	NOTICE OF INTENTION TO RESORTED ON RECEIVED		- 1) 	SUBSEQUENT REPORT OF PEDRILLING OR RUPAR
	NOTICE OF PATENTION TO TES WATER SHOTE			SUBSEQUENT REPORT OF ALTERING CASING
				SUBSEQUENT REFORT OF SHOOTING OR ACCOUNTING
	NOTICE OF INTENTION TO DRILL	- -		SUBSEQUENT REPORT OF MATTER SHUT-OFF

Well Nieson 1 1 house 20 It. from S line and 20 It. from w line of sec 31

Lot #6 - Sec 31

T. 26 S. R. 21 E. SIM.
(Twp.) (Range) (N (Range)

Cane Creek

Grand County

The elevation of the derrick floor above sea level \$965 . ft.

. DETAILS OF WORK

now moving in one 500 bbl bolted steel tank and two 1000 bbl bolted steel and erecting come approx. 400 ft south of Mason #1 well. Shafer adjustable beans are arriving to be installed back of the and pump valve and on the pressure line below the blowout preventer. Tohn flow to a Lerraine high pressure thanse to tankage and a gas line with flare to burn the gas. Flow into Il teak until the well cleans up then flow the two 1000 bbl tanks full. If the test no water is noted and if no excessive gas is noted we request presente and pump is to kill the well. We are now grading a promontary aone and con-half miles north of Bood He roe Point for a tank farm and desire a sinch pipe line to same where oil can be hauled out over the Hig Flat to Crescont Junction for shipment over the Band RR. We are helding a room from the Rig Flat to the property and from all indications looks about a is job. Means hile, casing, tubing and completion suripment is being delived funderstand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Came Creek Ci 1 Company

Address 634 21st Place

Santa Monica, Califi

A Some plane

760 au No. 42-R356.3.

WATED DO DE DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Salt Lake City LEASE V. MISER U-0496 uni Cane Creek Anticline

LESSEE'S MONTHLY REPORT OF OPERATIONS

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M OF H	Twp.	RANG	No.	l'aoma	Bare E	os or Ou 	GRAVET	C. (in	T. or Gas housands)	GALLO: GASO RECOV.	NS OF LINE ERED	BARRELS WATER (none, so sta	or If to d	HTM drillian, depaid ste and result o content	ARKS if what down, cause; f sest for gasoline tot gas)
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wel mad pla	l s e. ced	Twite Mud	o 1, and mat	000 all eria loc	bbls. inst	and alla	one	500 ne	bbl.	flow ry fo	v ta	nks w lowin	ere g th f 96	erecte le well lb mi were m	ed, at t l were id were
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runs or sales of gasoline during the month. (Write "no" where applicable.) Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor. Form 9-329 (January 1950)

delivered by sea-sled down the river and sufficient meegel, Impermix, perservative and Baroid are at the location to kill the well if possible or if we doen it feasible with the small pump we have with approval of your department. We respectively suggest this plan of eperation and will notify your office at least 72 hours before we de to make the test. Respectfully submitted.

Came Creek Gil Company

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A SERVICE OF THE SERV

Sani Jai

Oil and Gas Leasing Branch 306 Federal Building Salt Lake City 1, Utah

February 6, 1951

Mr. Robert S. Ross Americal Petroleum, Inc. Magb, Utah

My dear Mr. Ross:

In looking over the driller's daily reports submitted by you on the Cane Creek well on lease Utch 0496, I note that in preparing this report no mention is made of the shut-in pressures on the well, whether any attempt is being or has been made to move the drill pipe in order to keep it free, whether heavy and has been placed in the well to overcome the pressures, or other pertinent engineering information on the well which is available at the well but which is not recorded.

Prom the newspaper it is noted that on Tuesday, a week ago, the well was opened for four minutes and 12 barrels of cil was produced. Please confirm this statement with any other comments or information you may have. In other words, I wish to be completely informed as to what is taking place at the well at all times. This information should come in with the daily drilling report if not recorded on that report itself.

Sincerely yours,

C. A. Haupteen District Engineer

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Agency	(SUBMIT I	N TRIPLICATE)	U. S. Land Office ASS Links
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UNITED STATES Legae or permit No.

COMPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

SUNDRY NU	HCES AND REPOR	TS ON WELLS
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the devection of the dernick floor	above shallevel is ft	
	DETAILS OF WORK	
During the operation would be installed outsi closed in pressure, and After the pressure is by passed and the waste considered fit to circulused until the well is a	ior bringing the well at ide of the substructure to save all eil that may is reduced to a safety point pumped to the waste late it will be sut into moder combred.	of proposed casings; indicate mudding jobs, cemental years control, the christmas tree in order to safely blood off the years clean from the well-sint the christmas tree would and pit, but when the imid is the circulating system and
Company.	approval in writing by the Geologic	at Survey berore operations may be communicate
Address		M. M. Mason
-	Title	A gent

a son separation of a management of	UNITED STATES	U. S. Land Office. Se. 1 \$ Left Lease or permit NU 0.496
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Well No. is locat	ted .920ft. from line and 620	ft. from line of sec. 1
	(2)	(W) ===
La Les Andre Gra Ji	T 26,35 2 21,35 810	(eridian)
Cane Greek	Crandor College (Seion)	
	• • • • •	Territory)
ine elevation of the derrick fi	oor above sea level is 3965 ft.	
	DETAILS OF WORK	
(State names of and expected depths to ob	bjective sands; show sizes, weights, and lengths of pro- ing points, and all other important proposed wer	posed casings; indicate mudding jobs, comer i)
Since date of la		e Creek vell (Mason 4
repaired for use		s a 500 bbl. bank has no 1,000 bbl. atoml s
	can covered that product to	be bottom for abottom
print took has b	as been laiss a low speas	
Post in the last in	Class I tae summing lost	
inches to the same of the same	flaph line running vest of reptinal was exected;	29 Longths of 42" co.
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Sandallot vital Sandallot vital Sandallot vital Sandallot vital Sandallot vital Sandallot vital	flaps line rouning west of vertical was asserted; row the landing to the wa rold has been shipped to st report a change in par)? longths of Apt on il site, and several the well site.
Section 10 to 10 t	flaps line rouning sect of vertical was exected; ron the landing to the re rold has been shipped to st report a change in per suggest the solar in ach)9 lengths of Ag con il site, and several the well site, record and hence a mi mitting this report.
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Company Address Add	flash lime remains test of vertical was specially row the landing to the ve rold has been shipped to of report a change in per s smalled the foliay in sch wheat the foliavenes: legth 5,12-5,25 Lring madiliness, actuals by Oil Go. y Sippi Place Leay-Gal. By	Mitting this report.

memo for file o U.- 0496. Cana Creek oil G. op~ Mason # 1. The CARE from neason stating test to be Taken today as announced by Meat paper dated man 1. I checked with phone Co. that no call for me had, in the past few days, her made. So put in a Call, collect, at 430 Pom for mason. Mason at well but milek talked from phone at well. Laid they bled off 75 the of oil yesterday and well went mudded with 80 # mud and plan to degren after pucking drill pipe w/core. Mison apparently the da such preview a day early of announced theting and dill to intended I not be at well for test.

Tues 9 30 am. Mar. 6 1951.

Castauptman.

LABORATORY REPORT

SMITH-EMERY COMPANY

CHEMICAL ENGINEERS AND CHEMISTS LURGICAL AND TESTING ENGINEERS

LOS ANGELES 15

Utah 0496

MAR 1 9 1951

315093

LAPRATORY

Sample

Core

Received

10-21-49

"Core, Zone 2054 - 2090 feet"

Submitted by

Cane Creek Petroleum, Inc., Moab, Utah.

Att: M. G. Mason

REPORT OF DETERMINATIONS

Water Insoluble Matter	8.10%
Calaium (Ca)	1.32%
Magnesium (Mg)	Trace
Potassium (K)	2.78%
Solina (Ne)	38.36%
Sulphate (SO4)	2.92%
Rilbusto (SUA)	0.03
Carbonate (COS)	52.49%
shioride (CI)	None
Promise (Br)	None
Iodide (I)	
Borate (B407)	None
• •	100.00%

Purity as Sodium Chloride (NaCl) -----82.25

COPY

LABORATOR: 16 FORE

SMITH-EMERY COMPANY

FEMICAL ENGINEERS AND CHOICESES

CONSTRUCTION

LABORATORY

100

No.

31:000

Sample

srine

Received

20-12-43

Submitted by

Cane Crack , otherwise, the .

att: h. h. Mason

Chevri of Charles

Teom Ovida Charles	See medical say	by selgns
Iron Oxide (Pegus)	0,07	ಂ.05¾
Galcium (Ca)	4.7\$	5.14
Magnesium (Mg)	4.84	3.67%
Potaggium (V)	ે . 4 5	1.863
Potassium (K)	1.16	0.88%
Lithium (11)	Mone	lone
Chlorine (Cl)	್ರ ಿ.58	#3.17%
Sulphate (304)	None	None
Bicarbonate (HCO3)	0.04	0.03%
Bromide (En)	hone	Mone
Bromide (Br)	0.66	0.50%
Borate (B407)	0.62	0.47%
	47.21	35.77%
Hypothetical Calculations: Calcium Chloride (CaCl2)		
Magnesium Chloride (MgCl 2)	10,30	44.45.5 m
CHIOLING INSCISION	18.95	14.39%

Respectfully submitted,

BOOK GUBA

ALL REPORTS ARE SUBMITTED AS THE CONFIDENTIAL PROPERTY OF CLIENTS, AUTHORIZATION FOR PUBLICATION OF OUR REPORTS, CONCLUSIONS, CA. A TRACTS FROM OR REGARDING THEM IS RESERVED PENDING OUR WRITTEN APPROVAL AS A MUTUAL PROTECTION TO CLIENTS, THE PUBLIC AND OURSEL AS

File to Carper

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SERIAL NUMBER U-0496

LEASE OR PERMIT Cone Creek

LESSEE'S MONTHLY REPORT OF OPERATION

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NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329 Revised January 18, 1938

TELEPHONES:

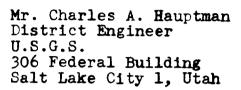
FIELD OFFICE 2071

DRILL SITE RIVER 1

AMERICOL PETROLEUM, INC.

MOAB, UTAH

April 7, 1951





Re: Lease permit U-0496 Cane Creek Anticline

Dear Mr. Hauptman:

Mason No 1 was drilled to a total depth of 5763 and finished in discolored salt. It was banded red and dark grey, the dark discoloration being due to disseminated black shale.

As the well depth was more than 2000 feet beyond a safe operational depth of the equipment being used, drilling was discontinued, the well was plugged back to 5477 and preparations made to test the pay horizon, the top of which is at 5447 feet and the bottom at 5470 feet.

On April 5th, a bottom hole assembly was made up which consisted of one float-shoe 16 inches in length, one cement basket and whirlerfloat 50 inches in length, one nipple 5 feet in length, one blankfloat collar 21 inches in length. Those several units, after being made up, were welded and the entire assembly was then welded to the bottom joint of the four and one-half inch casing and the first two joints of casing were spot welded. The assmebly was placed in the spider at about 4 p.m. and the last joint of casing was run at about 2 a.m., April 6th. The top of the basket was then at a calculated depth of 5446.9.

At this time, a Haliburton tement engineer was at the location and preparations were begun to run cement. However, free circulation could not be obtained. Pump pressure was raised to 1500 lbs at which point the pin sheared and pressure was lost. Repeated efforts have not materially freed

TELEPHONES:

FIELD OFFICE 2071

DRILL SITE RIVER 1

AMERICOL PETROLEUM, INC.

Chas A. Hauptman

- 2 -

April 7, 1951

the obstruction to open circulation. It is the opinion that the whilrlerports are plugged by cement scale that fell from the sides of the casing. Therefore, preparations are being made to have a Dow Chemical engineer attempt to dissolve the supposed cement accumulation with a solution of hydrocholorica acid. Two inch tubing is being moved to the location and it is expected that the acid will be placed in the next day or two.

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Very truly yours,

RSR/rm

M. G. Mason by Tohn How

DEF CATES DEF CATES OF THE INTERIOR GEOLOGICAL SURVEY

GL AL LAND OFFICE SERIAL NUMBER U-0496
LEASE OR PERMIT CAME CYCER
ANTICIME

LESSEE'S MONTHLY REPORT OF OPERATIONS

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GNITED STATE
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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LEASE OR PERMIT	Cano Creak	
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6- HEST - B S GOVERNMENT PRINTING OFFICE

LESSEE'S MONTHLY REPORT OF OPERATIONS

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Note.—There were _____ runs or sales of oil; _____ runs or sales of gas;

Nors.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

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SEE'S MONDARY REPORT OF OFERATIONS

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runs or sales of gasoline during the month. (Write "no" where aprimable.)

Norm.—Report on this form is required for each calendar month, regardless of the status of open one, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Porna 1-40

6-6383 U. S. COVERNMENT PRINTING OFFIC

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

	Repeat Bureau No. 42-R356.3. Approval expires 12-31-52.
LA. U OFFICE	lt Lake City
LEASE NUMBER	Utari Gazz

LESSEE'S MONTHLY REPORT OF OPERATIONS

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runs or sales of gasoline during the month. (Write "no" where applicable) Note. Report on this form is required for each calendar month, regardless of the status of operations, and must be file in 16 25766-5 J 2. COVERNOUS PROSESS OF 18.

duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

For the 10-3-28

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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UNIT	<u>.</u>		

LESSEE'S MONTHLY REPORT OF OPERATIONS

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Phone		oab_	207.	L				Ag	ent's litle				
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Note	.—The	ere were	·			runs or	sales of oil	:			N	l. cu. ft. of gas	sold;

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329 (January 1950)

Budget	Bureau N	To. 49-R368_1
Approve	al expires	11- 80-49.

Salt Lake

(SUBMIT IN TRIPLICATE)

3/

Form 9-831 a (March 1942)

UNITED STATES TMENT OF THE INTERIOR

DEPARTMENT OF THE INTERIOR
OF 1 1951 GEOLOGICAL SURVEY

U-0496
Unit Case Cresinti-

Pobert S. Ross

SUNDRY NOTICES AND REPORTS ON WELLS 9 - 1951

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING.
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT
NOTICE OF INTENTION TO PULL OR ALTER CASING.	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No.	. Mason is located gament. from sill line and can selft. from line of sec.
L	Box Bol Re No. 31 T 26 (Range) S Lindidian)
Cano	Crack Greek-Countries (sille Ventory)
The elev	vation of the derrick floor above sea level is 3965. It.
	DETAILS OF WORK
(State name	es of and expected depths to objective sands; show sizes, weights, and lengths of proposed easings; indicate mudding jobe, comez ing points, and all other important proposed work)
(1)	Displace fluid from 5470*to 5445*with Devell FIX* 146 seld
	though 2° taking.
(2	Pall up and set Limethells hooksall packer #tapprox.5400' with tubing at 5440'
(3)	Book pressure assulus between 2° tubing & 40° casing with
144)	seed pale if presidic and will seek basediately.
Compan	10 1951
Address	By M. B. Barren
	Title Access

Budget Bureau No. 42-R358.1. Approval expires 11-30-40.

Form 9-831 a (March 1942)

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(SUBMIT IN TRIPLICATE)

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UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		CIPCE			
NOTICE OF INTENTION TO CHANGE PLANS		THE OIL OF WATER SHUT-OFF			
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.			
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.			
NOTICE OF INTENTION TO ABANDON WELL		SUPPLEMENTARY WELL HISTORY			
(INDICATE ABOVE BY CHECK MARM					

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

		1983
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Lot 6 Soo, 23 (H See and See No.)	TO NO S X NO S	L M line of sec.
Game Greek	(Twp.) (Range)	(Meridian)
	(County or Subdivision)	(State or Territory)

The elevation of the derrick floor above sea level is the ft.

DETAILS OF WORK

(State names of and expected **depths** to objective sands; show sizes, weights, and lengths of proposed easings; indicate mudding jobs, comenting points, and all other important proposed work)

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I will see the see of the see	;
Company Comp Company Company	to Geological Survey before operations may be commenced.
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Approved R. G. S.	By K. S. Bassa
Castanatura	Title by Robert S. Rose
District Engineer . W. S. GOVERNMENT PRINTING OFFICE	10-8437-8

Budget Bureau No. 42-R358.1. Approval expires 11-30-49.

Form (Mar		



(SUBMIT IN TRIPLICATE)

UNITED STATES

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Approve	ed 0CT 3 1 1951	Title Rebert S. Ress
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Form 9-881 a. (March 1942)

(SUBMIT IN TRIPLICATE)

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

NOV 1 5 1951

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL SUBSEQUENT REPORT OF REDRILLING OR REPAIR NOTICE OF INTENTION TO SHOOT OR ACIDIZE SUBSEQUENT REPORT OF ABANDONMENT	TICE OF INTENTION TO CHANGE PLANS. TICE OF INTENTION TO TEST WATER SHUT-OFF TICE OF INTENTION TO RE-DRILL OR REPAIR WELL TICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO PULL OR ALTER CASING. NOTICE OF INTENTION TO ABANDON WELL (INDICATE ADDRESS)	TICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	-

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Well No Page 12 is loca	ated 920 ft. from S line and	d 690 ft. from W line	of sec. 🕰
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The elevation of the derrick floor above sea level is the ft.

DETAILS OF WORK

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Budget Bureau No. 42-R356.3. Approval expires 12-31-52.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

L DIFFICE Salt Lake City
LEASE NUMBER U-0496
UNIT Cane Greek Anticline

LESSEE'S MONTHLY REPORT OF OPERATIONS

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AND	Twp.	KANGE	WELL No.	1) стя Рвоопско	BARRES OF OH	. PRANITY 1	Cr. Pr. o (In thous	r (I (4 atid8)	GASOLINE RECOVERED	WATER (If none, so state)	(If drilling, depth: if shut down, esta date and result of fast for gasoline consent of gas)
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runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Budget Buresu No. 42-R358.3. Approval expires 12-31-52.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LA FFICE Salt Lake City
LEASE NUMBER 11-0496
UNIT Cane Creek Anticline

LESSEE'S MONTHLY REPORT OF OPERATIONS

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Budget Bureau No. 43-Bees 2. Approval expires 12-31-52

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City
LEASE NUMBER U-0496
UNIT Cane Creek Anticline

LESSEE'S MONTHLY REPORT OF OPERATIONS

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(SUBMIT IN TRIPLICATE)

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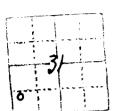
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UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUNDER NOTICES AND REPORTS ON W	ELLS
NOTICE OF INTENTION TO DRILL SUBSEQUENT REPORT OF WATER SHUT-O	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE	
NOTICE OF INTENTION TO PULL OR ALTER CASING SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	
(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)	
May 6, 1952	, 19
Well No. Manage is located 200 ft. from S line and 600 ft. from	line of sec. 32
Lot 6 200. (M. Sec. and Sec. No.) (Twp.) (Range) (Meridian)	
Cane Crack Grand Co. U.	- 1
	or Territory)
The elevation of the derrick floor above sea level is 33.65 ft.	Polar
DETAILS OF WORK	vegno.
State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; inc ing points, and all other important proposed work)	licate mudding jobs, cement-
Notice of Intention to whoot.	
Top of shot 5448 feet. Bottom of thou 5470 feet. Tamped with 50 feet sand and gravel. Hole will the fluid. Will use 100 quarts of DuPon. EL456.	e Tull of
1 Understand that this plan of work must receive approval in writing by the Geological Survey before operat	
Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual Annual	ions may be commenced.
Company Americal Petroleum Inc.	
Address Box 66, Moab, Utah.	
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Form 9-331 a (March 1942)



(SUBMIT IN TRIPLICATE)

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

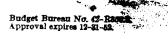
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Land Office Sant La Se	
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Unit D-0436 Came Gree	بري

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SUNDRY	NOTICES	AND	REPORTS	ON	MEFF
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	SUBSEQUENT REPORT OF WATER SHUT-OFF	XX
NOTICE OF INTENTION TO DRILL	CURSEOUENT REPORT OF SHOOTING OR ACIDIZING	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE		
NOTICE OF INTENTION TO BULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	3011	
i		
(INDICATE ABOVE BY CHECK MARK I	NATURE OF REPORT, NOTICE, OR OTHER DATA)	
	May 28, 1052	, 19
Vell No. Market #1 is located 220 ft. fro	om S line and 620 ft. from W line of se	c <u>31</u>
tot 6 300, 31 1, 16 5 3	(Meridian)	
Cane Crack Grand (County	County Uter: (State or Territory)	·····
(Field)		
The elevation of the derrick floor above sea le	evel is <u>2702</u> ft.	
DETA	ILS OF WORK	
UEIA (State names of and expected depths to objective sands; show all ing points, and all	ises, weights, and lengths of proposed casings; indicate muddin other important proposed work)	g jobs, cement
B. C. Committee and C. C. Committee and C. C. C. C. C. C. C. C. C. C. C. C. C.		
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LAND OFFICE Salt Lake City
LEASE NUMBER IJ-0496
UNIT Cane Creek Anticline

LESSEE'S MONTHLY REPORT OF OPERATIONS

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Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in form 9-329 (January 1960)

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LA. JAHCE 118	Creek	Anticline
LEASE NUMBER	-04	91
UNIT		6

LESSEE'S MONTHLY REPORT OF OPERATIONS Utch

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Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in corps 8-328

Budget Bureau No. 42-R356.3.
Approval expires 12-31-52.

LAND OFFICE Salt Lake C1ty
LEASE NUMBER U-0496 UNIT Cane Creek Anticline

LESSEE'S MONTHLY REPORT OF OPERATIONS

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runs or sales of gasoline during the month. (Write "no" where applicable.) Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor. ir yven

Budget Bureau No. 42-R356.3. Approval expires 12-81-82.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LAND OFFICE Balt Lake City
LEASE NUMBER U-0496
UNIT CAME Creek Anticline

LESSEE'S MONTHLY REPORT OF OPERATIONS

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Note:—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

16—25766-6 U. S. GOVERNMENT PRINTING OFFICE

Budget Bureau No. 43-R366.3. Approval expires 12-81-82.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LAND OFFICE Salt Lake City
LEASE NUMBER U-0494
UNIT Cane Creek Anticline

LESSEE'S MONTHLY REPORT OF OPERATIONS

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runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Budget Bureau No. 42-R356.3. Approval expires 12-31-52.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

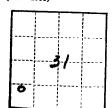
LEASE NUMBER U-0496
UNIT Came Creek Anticline

LESSEE'S MONTHLY REPORT OF OPERATIONS

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Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

16—25766-5 U. S. GOYERHMENT PRINTING OFFICE





(SUBMIT IN TRIPLICATE)

UNITED STATES

alt Lake

DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

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ORICHIAL FORWARDED TO CASPER

SUNDRY NOTICES AND REPORTS ON WELLSMAR 4 - 1954

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NOTICE OF INTENTION TO PULL OR ALTER CASING NOTICE OF INTENTION TO ABANDON WELL	X	SUBSEQUENT REPORT OF ABANDONMENT. SUPPLEMENTARY WELL HISTORY
(INDICATE ADOLLAR)		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

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3965

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, comenting points, and all other important proposed work)

Plug with 15 sacks (inside of casing) of cement. Cut 43" casing at top of plug (3740'). Pull casing. Run cement plug-bet wrigstock at 3550 dext. Slant hole No 10 deg. to 12 deg. to avoid mud and water block. Run casing to 5435. Set same 45 casing and cement in anhydrite cap and drill into production horizon with

Company Americal Petroleum Inc. Address Box 66, Mo b, Utah sell Keardon

Budght Bureau No. 42-R356.3. Approval expires 12-31-52.

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

LAND OFFICE Bult Lake City LEASE NUMBER 1-0496 UNIT Came Creek Antieline

LESSEE'S MONTHLY REPORT OF OPERATIONS

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runs or sales of gasoline during the month. (Write "no" where applicable.) Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor. Form 9-829 (January 1950)

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NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
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(INDICATE ABOVE BY CHECK MA	URK NATURE OF REPORT, NOTICE, OR OTHER DATA)	
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LESSEE'S MONTHLY REPORT OF OPERATIONS

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runs or sales of gasoline during the month. (Write "no" where applicable.)

Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in Form 9-329

Form 9-329

(Japane 1950)

- 4/1/54 Went in with bit to dress off cement plug. Dressed off to 363.
 Picked up whipstock.
- 4/2/54 Drilled off stock 12 ft.with 4 3/4 bit and knuckle joint.
- 4/3/54 Went in with hole opener. Opened 4 3/4 hole to 3649.
- 4/4/54 Pulled stock out of hole, went in with 6 1/3 bit.
- 4/5/54 Went in with one drill collar and bit. Reamed to 3681, stuck pipe at 2460 on way out of hole.
- 4/6/54 Pulled pipe loose from keyseat 120 ft. long. Shut down, waiting for oversized sub. Well started flowing light green oil.
- 4/7/54 Ran test tool in hole. Hole bridged 3674. No test. Want in with bit, cleaned out bottom. Mixed mud.
- 4/8/54 Ran test tool. Set packer 3668. Gas to surface in 11 minutes. Well killed self. Left tool open 55 minutes. Seven stands of water slightly gas cut.
- 4/9/54 Drilled 20 ft. and circulated.
- 4/10/54 Worked on motor clutch and conditioning hole.
- 4/11/54 Make up whipstock. Went in hole to 3674. Tight spot, heared the pin.
- 4/12/54 Went in with bit. Reamed from 3638 to 3650. Went in world hole.
- 4/13/54 Reamed from 3682 to 3694. Circulated out and went in with whipstock. Brilled 15 ft. off stock.
- 4/14/54 Went in with hole opener. Opened the hole to 3714. Ran single shot, stopped at 3652. Went in to condition hole.
- 4/15/54 Drilled off stock to 3725. Opened the hole to 3724.
- 4/16/54 Set whipstock 3726. Drilled off stock 3735. Pulled out and opened hole.
- 4/17/54 Ran string reamer. Reaming tight hole. Drilled to 3730.
- 4/18/54 Pulled bit. Ran single shot. Drilled off same to 3743.
- 4/19/54 Drilled by whipstock from 3743 to 3752. Reamed 4 3/4 hole to 6 1/9 hole. Mixing mud.
- 4/20/54 Run single shot. Stopped at 3688. Went in hole with bit. Circulating and conditioning.
- 4/21/54 Stood back drill pipe. Picked up tubing. Ran cement plug at 3670 with 75 sacks Ideal cement and 5 sacks structural sand. Plugged down 10:30 A.M.

4/22/54 W. O. C.

N. O. C.

4/24/54 Went in with 6 1/8 bit to top of cement plug at 3464.

4/25/54 Pressed plug off to 3480.

4/26/54 Went in with whipstock. Sheared pin in tight hole.

4/27/54 Went in with bit. Reamed tight hele. Went in with whipstock, couldn't shear pin. Pulled out and back set whipstock at 3613. Drilled to 3627.

4/28/54 Lost coment plug. Pulled out of hele . Went in open ended.

4/29/54 Cemented with 78 sacks Ideal coment. Plug at 3455.

4/30/54 Waiting on Coment.

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LESSEE'S MONTHLY REPORT OF OPERATIONS

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displicate with the appreciate by the 6th of the supposeding month, unless otherwise directed by the supervisor. Form 9-230 (January 1989)

MASON #1

5/1/54 W. O. C.

5/2/54 W. O. C.

5/3/54 Went in hole with bit; top of plug 3213. Dressed off to 3240.

5/4/54 Survey at 3240, 20 No. 100 E.; Set whipstock; drilled off same to 3256,

5/5/54 Opened hole from 3240 to 3255; Run in with bit, drilled cement from 3256 to 3285.

5/6/54 Num in with whipstock at 3285. Whipstock stepped at 3278. Went in with reamer, reamed and conditioned hele. Went back in with whipstock.

Sheared pin 16 stands off bettom, pulled out, put in new pin, run back in with whipstock.

5/7/54 Set whipsteck at 3285. Twisted off at top bit sub. Pulled out, run in hele with open ended tubing to 2600. Comented with 75 sacks Ideal cement, 7 sacks sand. Plugged down 9:45 P. N.

5/8/54 W. O. C.

5/9/54 w. O. C.

5/10/54 Went in with bit, found top of plug at 2448. Drilled out to 2461,

5/11/54 Survey at 2461, 20 No. 250 W.; Set whipstock at 2461, Drilled to 2474. Going in hole with hole opener.

5/12/54 Survey 2475, l₂ No. 10° W.; Went in with bit. Drilled l ft. Set whipsteck 2476. Drilled to 2491. Opened hole to 2490.

5/13/54 Survey at 2490, 3° No. 28° W.; Run in string reamer and bit. Drilled to 2500. Survey 2½0 No. 28° W.; Set whipstock at 2500. Drilled off

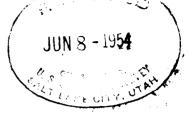
5/14/54 Rum pilot reamer to 2513. 40 M. 500 E.; Drilled from 2514 to 2520.

5/15/54 Survey at 2520, 1° N. 15° R., Set whipstock 2520. Made 2 ft. to 2522. Went in with knuckle joint. Drilled from 2522 to 2542. Survey 5° Se. Opened hele from 2522 to 2542.

5/16/54 Single shot at 2542, 5° So. 5° E.; Drilled from 2542 to 2559. Survey 7° So. Went in with bit and Drill cellar. Drilled from 2559 to 2609.

5/17/54 Survey at 2609, 9° So. 5° W.; Picked up 3 dril collars. Drilled from 2609 to 2659. Survey 9° So. 5° W. Went in with bit. Drilled to 2710. Survey 10° So.

5/18/54 Brilling 2710 to 2726. Pulled out Survey 1010 So. Went in with whipstock. Bridged 10 ft. off bettem. Pulled out with whipstock. Went in with bit, and washed the bettem. Pulled out. Going in with whipstock.



5/19/54 Hit bridge 5 ft. off bottom. Pulled out of hole. Run bit, conditioned hole. Set whipstock at 2731. Drilled to 2746.

5/20/54 Reamed 2731 to 2746. Run in with bit, Drilled from 2746 to 2840.

5/21/54 Survey at 2840, $4\frac{10}{2}$ ° So. 10° W.; Drilling to 2940.

5/22/54 Survey at 2940, 49 So. 100 W.; Went in with waipatock. Stuck stock 4 ft. off bottom.

5/23/54 Worked stock lose. Came out of hole. Working on pump clutch.

5/24/54 Waiting on pump parts.

5/25/54 waiting on pump parts.

5/26/54 went in hole wit, bit to drill.

5/27/54 Survey at 3100, 40 and 15 min. So. 100 W.

5/28/54 Drilling from 3170 to 3280.

5/29/54 Drilled from 3230 to 3390. Survey at 3390, 300 So. 100 W.

5/30/54 brilled feom 3475 to 3570.

5/31/54 Prip at 3660. Survey 3660, 300 No. 100 W.

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LESSEE'S MONTHLY REPORT OF OPERATIONS

Agent's	addr	088		P. O. Hoab,	30r 66		18 ^r	mpany .	perisol [estaleur, inc.
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Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be supervisor by the 6th of the succeeding month, unless of harming the status of operations, and must be supervisor by the 6th of the succeeding month, unless of harming the status of operations.

MACON #1

6/1/54 Brilling from 3700'-3795'.

6/2/54 Brilling from 3795' - 4000'.

6/1/54 Single thote, 4000'; 210 H., 15 V.

6/4/54 Brilling from 4355'-4365'.

6/5/84 Brilling from 4365'-4496'. Survey at 4400'; no picture.

6/6/54 Brilling from 4406'-4555'.

6/7/54 Brilling from 4555'-4665'. Twisted off at 2730'; fish out of belo.

6/0/64 Brilling from 4655'-4820'.

6/9/54 Brilling from 40301---50901.

6/30/34 Brilling from 5030'-5130', Survey at 5130'; no picture,

6/11/54 Brilling from 5130465221'. Twisted off at 2000'; ran over shot; equalst fish; pulled same out of hole.

6/12/54 Brilling from \$221'-5300'.

6/13/54 Brilling from 5300* - 5360*. Wout in with come berrel; served 20* at 5360*-5300*. Received 14* selt.

6/14/54 Regned 20! of core hele. Palled bit; drilling from 5300'-6400'. Want back in with core #2; cored 20!; full recovery; cored 5400'-20'.

6/15/34 Care \$3, \$4301-46"; resolved 16" of salt.

6/16/54 Trip at 5400'. Smilled at 10'. Corod from 5450'-70'. 5450'-600-4000; 5450'-67' - animarise; 5467'-70' - shale.

6/17/54 West in with bit; regued core hele 5450*-70*. Pulled bit, rem core berrel; cored from 5470 to 5404*.

6/18/54 Finished coring #6 from 54844-814; resolved 157 shale. West bank in with core barrel; core #6.

6/19/54 Cored from 5491'-5807'. Gil show at 5409'. Received \$\frac{1}{2}' of lime. West in with bit, resmed core hele to 5007'.

6/20/54 West in with core barrel, out 12's reservered Sir of black lime. Sered from 5507'-19's core \$6.

6/21/54 that is with his and remails 27° ours halo; elsewheted \$ hours; pulled out of halo; plained up Halliburton tester. West in helic; set paster



6/3/54 Drilling Deser 37000 379 0.
6/2/54 Drilling Ores 37000 - 40000 0.
6/3/54 Drilling Ores 37000 - 40000 0.

6/8/54 2011 to eg 1000 42351 43611.

6/8/54 Erilling Eron 4:50 00 49

5/6/54 DELLING DESK 4:00 535

6/7/54 Drilling from 42 00 - 4668

6/8/54 Drilling From 40000 -48207.

6/9/54 Drilling from 4820 -- 8030 to

6/10/54 Drilling from 5020'-5130'. Survey to 5130'; m

6/11/54 Drilling from 5130%5221. Twisted off at 2800°; and offer caught fish; pulled same out of hole.

6/12/54 Drilling from 52219-53009.

6/13/54 Drilling from 5300' - 5360'. Went in with core barrel; cored 20' 5360'-5380'. Received 14' salt.

6/14/54 Remmed 20° of core hele. Pulled bit; drilling from 5380°-5400°. Went back in with core #2; cored 20°; full recovery; cored 5400°-20°.

6/15/54 Core #3, 54201-401; received 161 of salt.

6/16/54 Trip at 5440'. Brilled at 10'. Cered from 5450'-70'. 5450'-59'-salt; 5459'-67' - anhydrite; 5467'-70' - shale.

6/17/54 Went in with bit; remmed core hele 5450'-70'. Pulled bit, ran core barrel; cored from 5470 to 5484'.

6/18/54 Finished coring #5 from 5484'-91'; received 15' shale. Went back in with core barrel; core #6.

6/19/54 Cored from 5491'-5507'. Oil show at 5499'. Received 71' of line. Went in with bit, reamed core hole to 5507'

6/20/54 Went in with core barrel, cut in ov line from 5507'-19'; core ##.

6/21/54 Went in wit' me 10] server our sto hale; s. Sall server ste surger of server

at 5469' and opened tool at 7:35 P.M.; gas to surface in 2 minutes; and oil to surface in 55 minutes. Left tool open 23 hours.

- 6/22/54 Pulled packer loose; pulled out of hole; 70 arands from oil a secondar drilling mad.
- 6/23/54 Run and communed 44" casing with 75 sacks Total camers, plugged down at 6:15; 9:36".
- 6/34/54 WOO
- 6/25/54 Hung casing on slips.
- 6/26/54 Moved tubing from MM #1 to Mason #1.
- 6/27/54 Picking up tubing.
- 6/28/54 Drilled cement plug at 5432'; float collar at 5434'. Girculating one bour; displacing mid with oil. Installed blow-dut preventer in tables head. Drilled well in at 9:25 P.M. Cleaned out at 5513'.
- 6/29/54 Circulating 5 hours. Pulled out of hele; went in with production packer at 5440°. Put well head on.
- 6/30/54 Swabbing.

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LESSEE'S MONTHLY REPORT OF OPERATIONS

State		Utah		<i>C</i>	ounty	Grand	7	Fiold	Cane	Creek	Anticlino
Th	e foll	owing									drilling and producing
wells) f	or the	e mor	th of	f	July ~		, 19 54	***			
Agent's	addr	ess		P	. 0. Box 6	6	C	'ompan	y A	merico]	Perpoleum, Inc.
				**	oab, Utah			igned .		arrill	harden
Phone.				Men	oab 2071						ice Manager
Suc. And Hop H	Twr.	RANGE	WELL No.	DATS PRODUCED	BARRELS OF OIL	GRAVITY	Cu. Fr. or Ga	GAR	DITMZ	Barners of Water (H come, so state	(If drilling, depth; if shot down, game;
Lot 6	268	212	Maso	n #1							convent of gas)
J	leas	o fi	nd at	tache	d chronolo	rical	drilling	xepor	ts fo	r the m	onth of July
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									RIGUE	l man	
									MIN	r FORM	ARDED TO CASPER
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										(Ca)	AUG 9 - 1954
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runs or sales of gasoline during the month. (Write "no" where applicable.) Norm.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor. Form 9-329 (January 1950)

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1/12/54 Sixed sould writing a mailten co...

"/13/54 santing to alieth con.

7/14/54 has backer; hat packer at 04464. Hasplaced mud with water. Packer light hold; builted hame out of bele.

7/15/54 Pulled out of stands and replaced split joint. Went back in hole; packer didn't hold; pulled out of hole.

7/16/54 Went in hole with hook wall packer; wouldn't hold. Pulled out; ran in with bit. Displaced water with mud. Drilling out Halliburton retainer.

office to maked drilling up vocalnet. manned doctors. Browlating and waiting on making mount want in hole with dalliburens book wall packer. Set packer at 18-80 crying to break formation down with 3000 lbs pressure.

7/18/54 Pumped in 75 sacks cement. Pulled out and found hole in tubing. Checked casing for a hole in casing. Found hole at 4835%. Set packer; cemented with 50 sacks Ideal regular.

7/19/54 WOC - 8 hrs. Packer set at 3800°. Pumped 52 sacks coment through hole in casing at 3840°. WOC. By-pass didn't open. Pulled out of hole. Working on tool.

- 7/20/54 Went in hole, est packer at 37500; perped 76 oucks access the perhole in casing at 3840°. Pumped in 50 sacks coment. dollars pressure 4 hours.
- 7/21/34 Packer stuck; unscrewed from packer. Pulled out of hele. Asker in with washer back.
- 7/22/54 Finished going in hole with tool. Couldn't screw in to peoper.
 Pulled out of hole. Waiting on taper tap.
- 7/23/54 Waiting on wash over sub.
- 7/24/54 Went in with wash over sub; washed over top of packer. Pulled out washer with pipe in hole. Going in with bit.
- 7/25/54 Drilling on packer. Made trip for bit.
- 7/26/54 Went in new bit. Drilling on packer. Pulled out; went in with basket.
- 7/27/54 Finished going in hole with basket. Brilling on packer. Pulled out of hole; went in with taper tap, screwed into fish; pulled same out of hole.
- 7/28/54 Finished pulling fish. Went in with bit. Drilling coment to 3958° Open hole to 5223°; coment on top of retainer at 250°. Drilling same.
- 7/29/54 Mixing 25 sacks salt jell, drilling cement and packer. Retainer at 5448*. Brilling cement to 5488*. Circulating hole to 5508. Displaced mud with salt med. Cleaned out to 5519*. Coming out of hole...
- 7/30/54 Finished coming out of hele. Whanged BOP and cut off drilling line. Went in with bit; made 2' to 5536'. Displaced mud with oil.
- 7/31/54 Drilling on junk. Coming out of hele strapping pipe. Ran in with junk basket and closed same.

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DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

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LESSEE'S MONTHLY REPORT OF OPERATIONS

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The	e foll	owing	is a	correc	t report/of	operati	ons and pro	duction (i	ncluding	drilling and produci
veUs) f	or th	e mon	th of				<i>., 19</i> , <i></i>	······		PETROLEUM, INC.
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				MOAB			Sig	ned	OFFICE	HANAGER
Phone.					M1T			ent's title		
Sec. and Hop H	Twr.	RANGE	No. WELL	DATS PRODUCED	BARRELS OF OIL	GRAVITY	Cu. Ft. of Gas (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, on date and result of test for gasolize content of gas)
6 k 31	45 2	212	(A30)	# 1						
WELL	EAM	BEEN	S HU7	DOWN	THROUGH A	UGUST	WAITING OF	STRING	OF PIPE	TO 5536 TO FISH WITH.
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			بوسال برايد	*			e missed till; _	30		M. cu. ft. of gas

Nors.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 3-358

- 9/1/54 through 9/22/54. Shut sown waiting on new string of pipe.
- 9/23/51 Swabbing.
- 9/24/54 Swabbing.
- 9/25/54 Swabbing.
- 9/26/54 Swabbing. Fluid standing 500° off Sottom.
- 9/27/54 through 9/30/54. Changing scrings of tabing them and to have

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Budget B	ttres.	49-R356.8.
Approval	expires	12-81-81

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16: 287 3-5 U.S. GOVERNMENT PROMISES OFFICE

LESSEE'S MONTHLY REPORT OF OPERATIONS

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				Y. D	A 00			C		AMPRICA	T
Phone		Agent's address P. O. BOX 66 MOAB, UTAH Phone MOAB 2071									
	MOAB 2071							Agent	's title	OFFIC	S KANAGER
SEC. AND 14 OF 14		Bange	i	DATE PRODUCED	BARRELS OF OIL		Cu. Fr. or (GAS GA	LLONS OF ASOLINE COVERED	BARRELS OF WATER (If BODS, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline
tive 6											content of gas)
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House.—Regard on this form is required for each calendar month, requirities of the status of operations, and must be filed in the supervisor by the 5th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-839 (January 1950)

- out look Gwabbing. Swabbe well dry at 3145 P.M.
- mys/31 Pulling swab; and ary runs
- 10/3/5- Going in hole with retainer, kecainer set at 900%. Fuller out, ran bit. Brilling on retainer.
- 10/4/51 brilling or retainer.
- 10/5/54 Finishes arilling retainer. Went to obttom; circulating; conditioning hole. Picked up new retainer, set at 5408.
- 10/6/54 Pumped into formation with 2800 lbs. pressure. Squeezed with 36 sacks Ideal regular cement with 3600 lbs. pressure.
- 10/7/54 WOO.
- 10/8/54 through 10/11/5. Shut down.
- 10/12/54 Went in hole with mile. Miles on retainer.
- 10/13/54 Went in with bit, brilling on retainer, brilling cement below retainer. Cleaned but at 546%, brilling by fish.
 - 10/14/54 Bropped and write collar and four joints of tubing in hote. Went in, screwed into fish, pulled same out of hole at 5505?
 - 10/15/54 brilling by 1180
 - 10/16/54 Brilling by 1131...
 - 10/17/54 Drilling by tisb.
 - 10/18/54 Drilling shale and annydrite. Twisted off.
 - 10/19/54 Caught fish, pulled same out of hole.
 - 10/20/54 brilling anyonite and shale.strings. 5564-55741.
 - 10/21/54 brilling 5574 5600*; annydrite and shale.
 - 10/22/54 Ran suching the property Set packer at 5450%. Swabbing; receivers magnesium chloride water.
 - 10/23/54 Swabbing; recovered magnesium chloride water.
 - 10/24/54 Pulled tubing and ran bit to condition. 5601.
 - 10/25/54 Brilled to 5602'! Running Lane Wells. Tool stopped at 2522'. Going in with bit to condition.

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- 10/25/20 Nach 1 26017. Ran Lane Wells cool. Stopper at 24747. Policed not use use perforating game 55027. Jet shot formation from -2002 ap to 24851.
- 10/20/34 Ran tubing and packer. Set packer at 5440%. Perforation and but Swabbing recovered magnesium obligation water and some gas.
- 10/28/54 Pulled packer out of hole. Left back-off rubbers in hele. Went in with oit; drilling on rubber.
- 10/20/54 Drilling 56/2-56101. Achadain and Dima. Street of off. Fishing.
- 10/30/51 Caught fish and packed same.
- 10/31/51 Orilling fore 3672 16/19; see note: 3600 10 min sale are along 5639 56601 sale and long strongers

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LESSEE'S MONTHLY REPORT OF OPERATIONS

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IC. AND	T	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL		Cr. Pr. or Gue	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, of date and result of test for gasol content of gas)
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Note.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

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LESSEE'S MONTHLY REPORT OF OPERATIONS

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runs or sales of gasoline during the month. (Write "no" where applicable.)

Norm.—Report on this form is required for each calendar month, regardless of the status of operations, and to duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-809 (January 1950) 11/1 - 11/5/54 Fischer. 11/6 - 11/30/54 Shut shus.

MEMO TO THE COMMISSION:

The following report is to be considered an updating of information on the various wells in the Cane Creek Area. Since I discovered recently that the old MGM well # 2, with rods and pump over the hole, was periodically blowing out thru the stuffing box, I was prompted to check all the wells with this report the result.

The MGM # 1 well has a fish at about 1200 feet.
An unsucessful attempt was made by Transcontinental Oil
Corp. to pull this fish in the early part of 1960.
Later approximately 1200 feet of 5 to inch casing was
reportedly pulled from this well and removed from the
location. Since no bond had been secured for the pulling
of this casing, an injunction was obtained to prohibit
further operations. The well now stands open in a 5 feet
cellar. This well, I understand, is on a State lease.

The MGM # 2 well was the most recently worked well in this area. Monty Mason was attempting to sustain production from this well at the time of his incarceration. Transcontinental Oil Corp. Tried unsucessfully to obtain production as well as Mr. William Beckham of Calgary, Canada. This well has a pump jack setting over the hole and rods in the well. Some time ago Mr. Joe Harsted, USGS Engineer and myself placed a Federal seal on this well. Later I visited the well and noticed fresh oil on the ground and pump jack and concluded that someone had been fooling around with the pump. On March 21, I was visiting this location and hear the well bubbling around the stuffing box. The well began blowing out thru the stuffing box and blew oil about 20 feet into the air for about 15 to 20 minutes. This then accounted for the fresh oil I had seen previously. As can be seen from the photograph of this well, the oil is over flowing the area, and running into a pit below. this well remains unattended I recommend that some steps be taken to stop this frequent blowing out. in is well is on a Federal lease which, I understand, has been cancelled.

The Texas Gulf Producing Company's Federal 1-X was plugged properly and abandoned until early in 1960 Transcontinental Oil Corp. obtained permission and reentered this hole. An attempt was made to obtain production from

also page tens

Transcontinental Oil orp then moved the rig off and has done nothing to the well since. The large casing is standing in a deep cellar which has some oil and dried grass in it. This well constitutes a hazard mainly because of the large open casing protruding up. I would recommend that some steps be taken to either plug this well or at least provide protection from anything or anybody getting into this casing.

The Midwest Oil Co. Cane Creek # 1 near the river was onec plugged by the U.S. Army Corp of Engineers. This well has a valve on it and will blow oil and gas as shown in the photograph when opened.

The Americol Co Cane Creek # 1, near the river, has apparently began seeping oil. I visited this location several months ago and the cellar and holewere completely try. March 22, I visited this well to take pictures and found that the well has began seeping oil **** and is slowly filling cellar. If the oil should reach a sufficient quantity to overflow the cellar, the oil will promptly flow into the Colorado River. The well is approximately 25 yards from the river. I recommend that, since the well has begun to seep oil, that some steps be taken to shut off the seepage.

The Cane Creed Oil Co. 's Cane Creek # 1 is standing opend hole in a five feet cellar. The cellar and hole are dry as con be seen in the photograph.

Note: Since the records on all of these well are vague, I am not sure the names shown in this report are the exact names of the wells, however for the sake of clarity and understanding, I have given the names as best of my knowledge and associated each offe them with the corresponding photographs, which are a part of this report.

HARVEY L COON'S
PETROLEUM ENGINEER

January 6, 1970

MEMO FOR FILING

Cane Creek Area

Mason #1

Sec. 31, To 26 S., R. 21 E.,

Midwest #1

Sec. 36, T. 26 S., R. 21 E.,

Grand County, Utah

On December 22, 1969, the above area was visited.

Both Mr. Feight and myself visited the above well locations and observed that Mr. Pat Patterson was in the process of running tubing in the flowing (115 GWPM) well. Pat informed us that he had completed squeezing cement in all annuluses of the nearby Midwest well and no further leaking could be observed. Circulation of cement was necessary since entry into the 6" casing was impossible due to surface cement plug.

At the time of the visit, Mr. Feight informed the Federal Water Pollution Control Administration representatives that a letter would be forthcoming from the Industrial Commission recommending that federal personnel stay a minimum of 100 yards from the work being conducted on the CaneCreek Wells.

PAUL W. BURCHELL CHIEF PETROLEUM ENGINEER

PWB:jw

cc: U.S. Geological Survey

State Land Board

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january 6, 1970

MEMO FOR FILING

Cane Creek Area
Mason #1
Sec. 31, T. 26 S., R. 21 E.,
Grand County, Utah

On December 23, 1969, the above named well was visited.

At the time of the visit, Pat had run almost four joints when it was noticed that this well did not have the 7" casing as reported in the files. Only the 10 3/4" surface casing set at 148* was found. No further entry could be made down the 10 3/4" pipe past 120* due to a bridge of some sort. They suspected that this fish might be the 7" casing.

Mr. Patterson then decided to swage nipple over the 103/4" and to pressure squeeze down to the 400° water zone.

On December 27, 1969, Mr. Patterson reported that he had successfully pumped mud and 26 barrels of cement at 16,00 psi pressure which build up from 800/05/ 6' indicated a fill-up across the water zone.

As of December 29, 1969, the well remains killed and Mr. Patterson set a cement plug across the stub of the fish and up into the 10 3/4" surface casing.

PAUL W. BURCHELL
CHIEF PETROLEUM ENGINEER

PWB:jw

cc: U.S. Geological Survey

State Land Board